

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

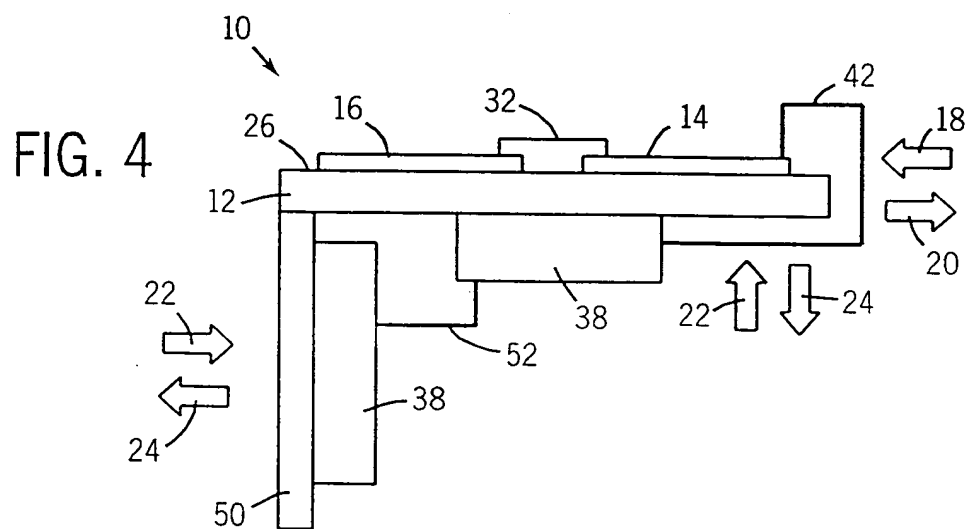
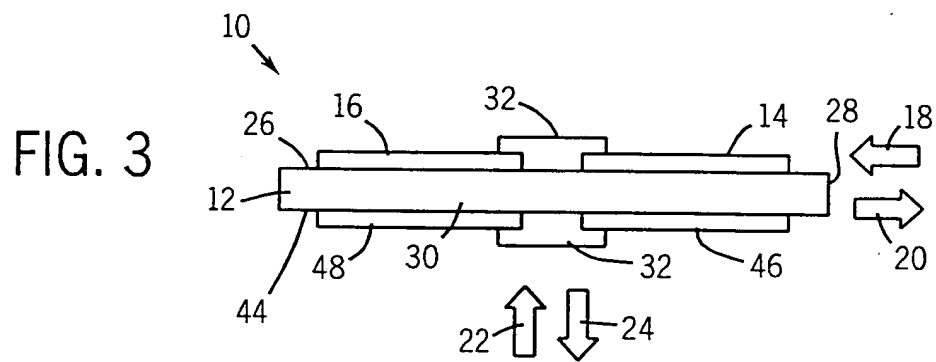
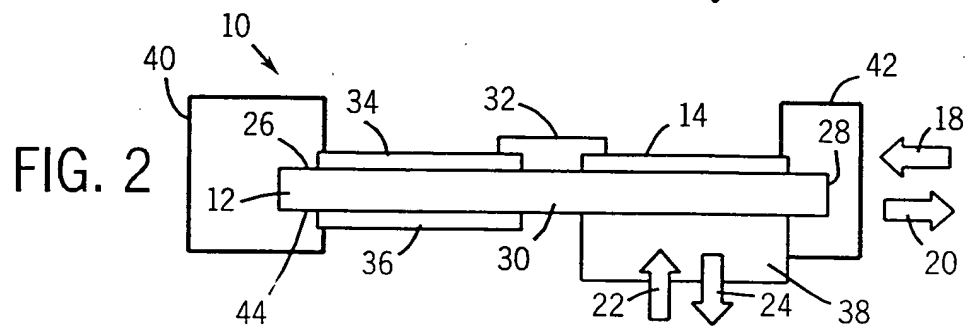
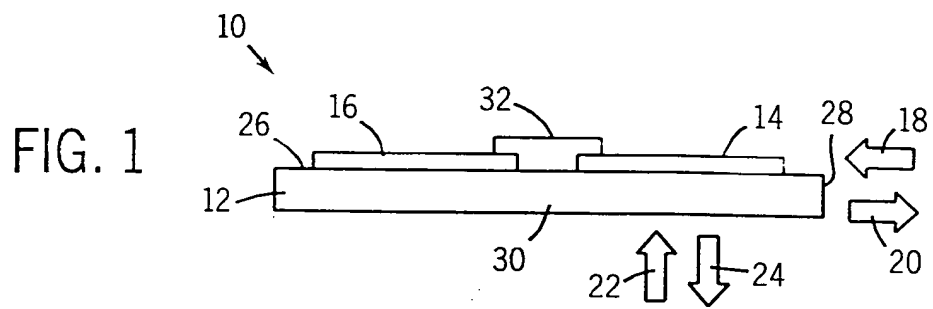
Defective images within this document are accurate representations of the original documents submitted by the applicant.

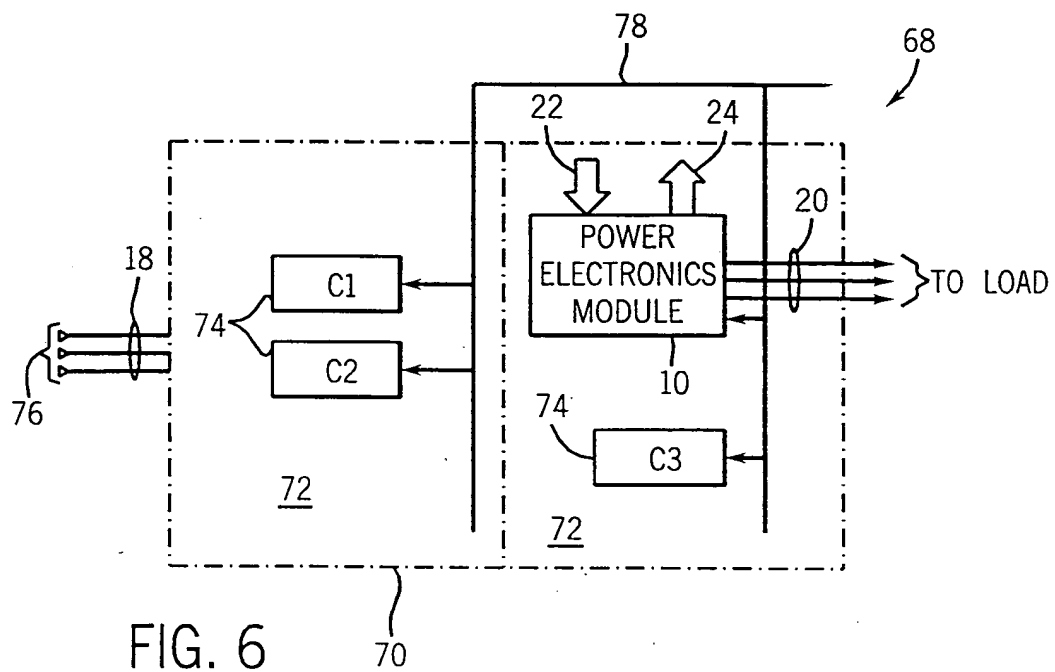
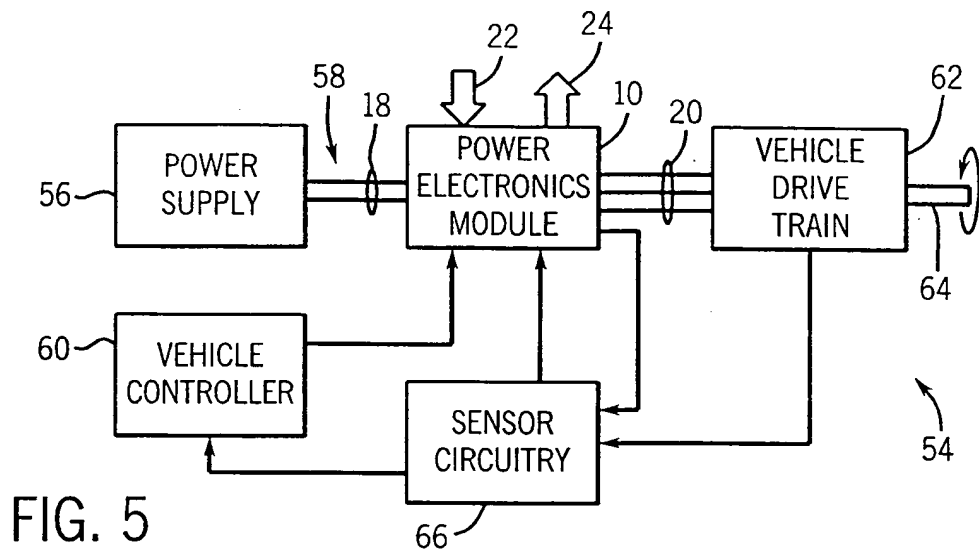
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**





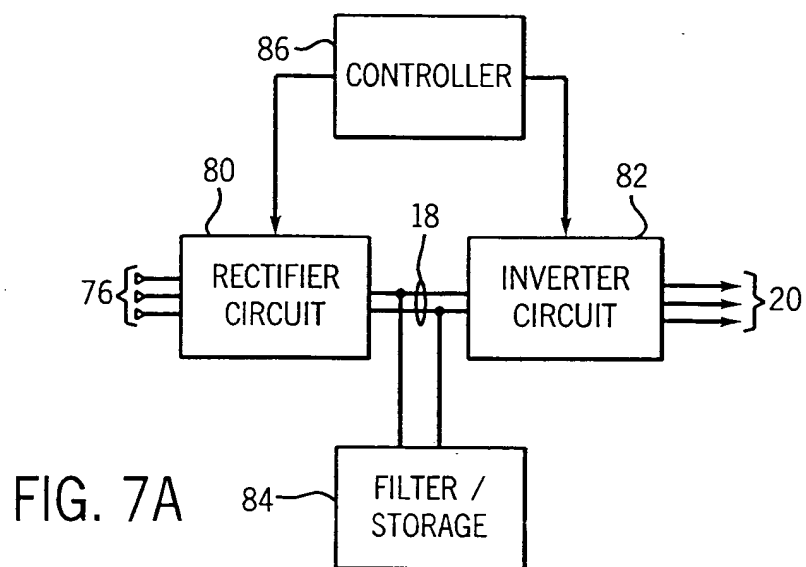


FIG. 7A

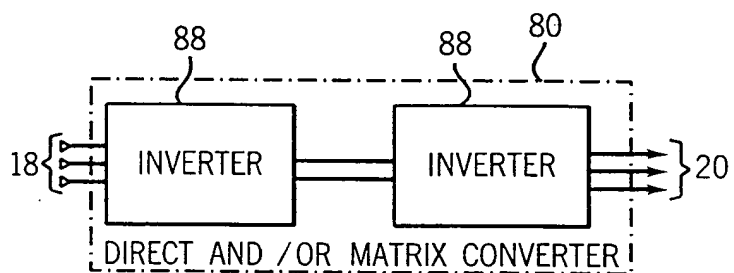


FIG. 7B

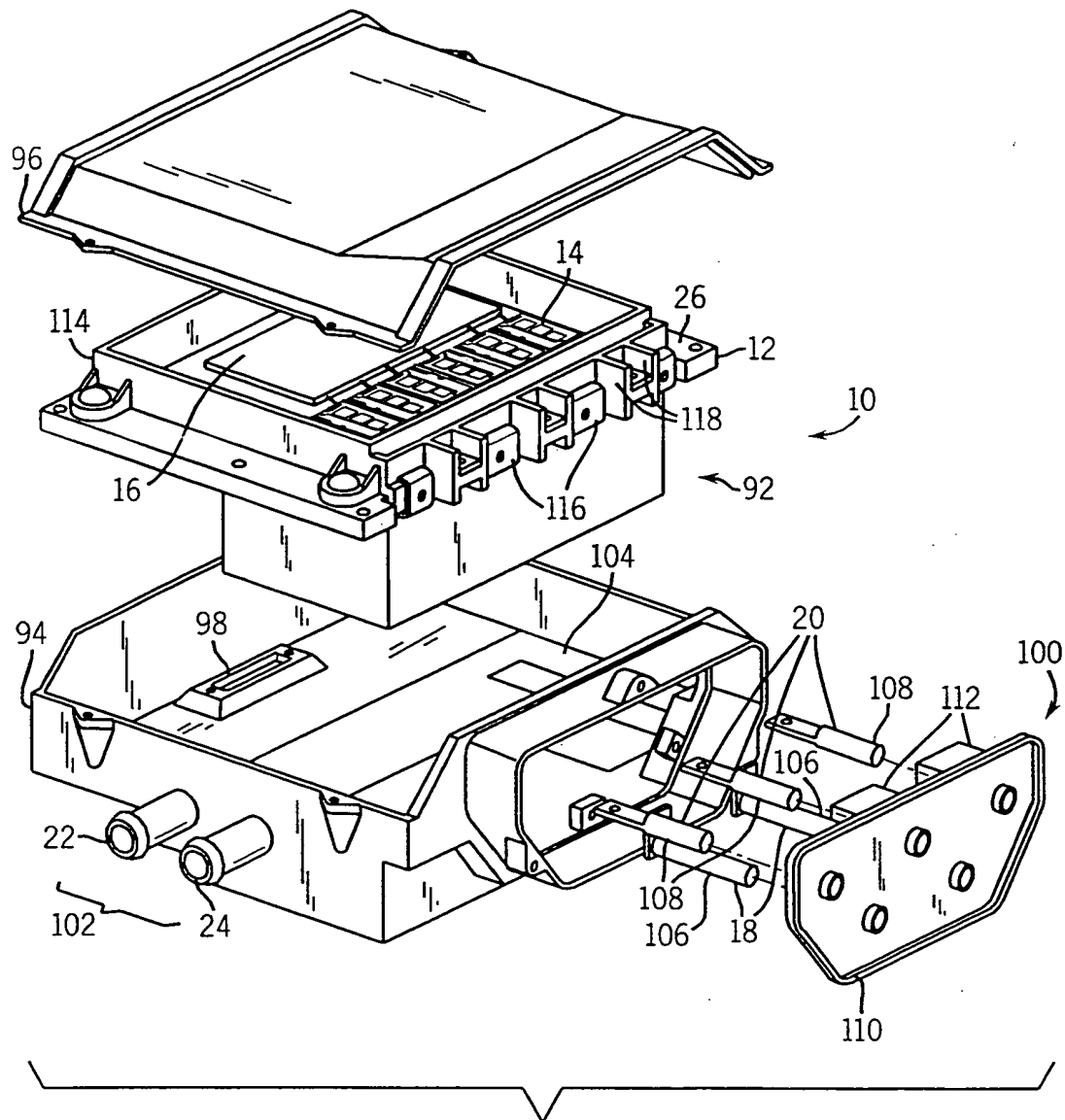


FIG. 8

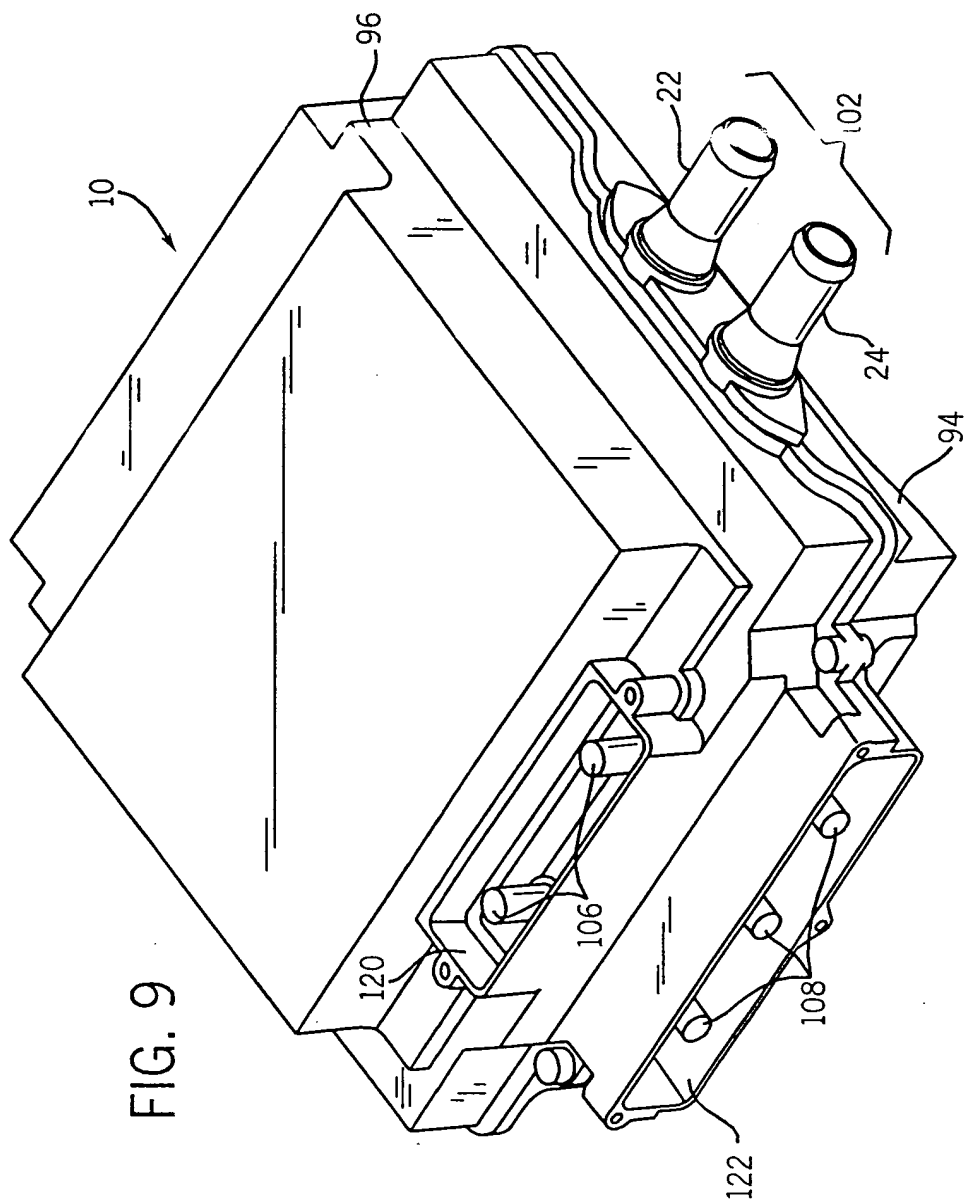


FIG. 9

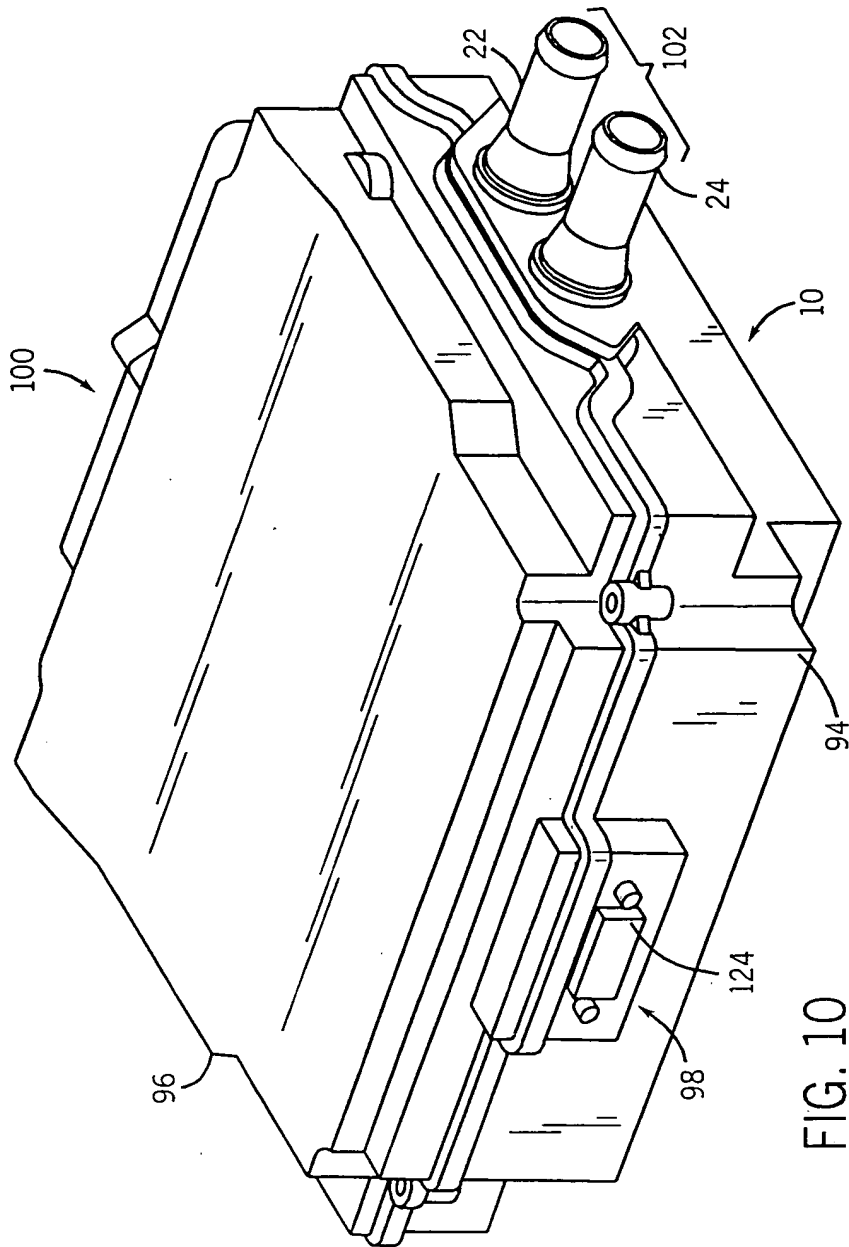


FIG. 10

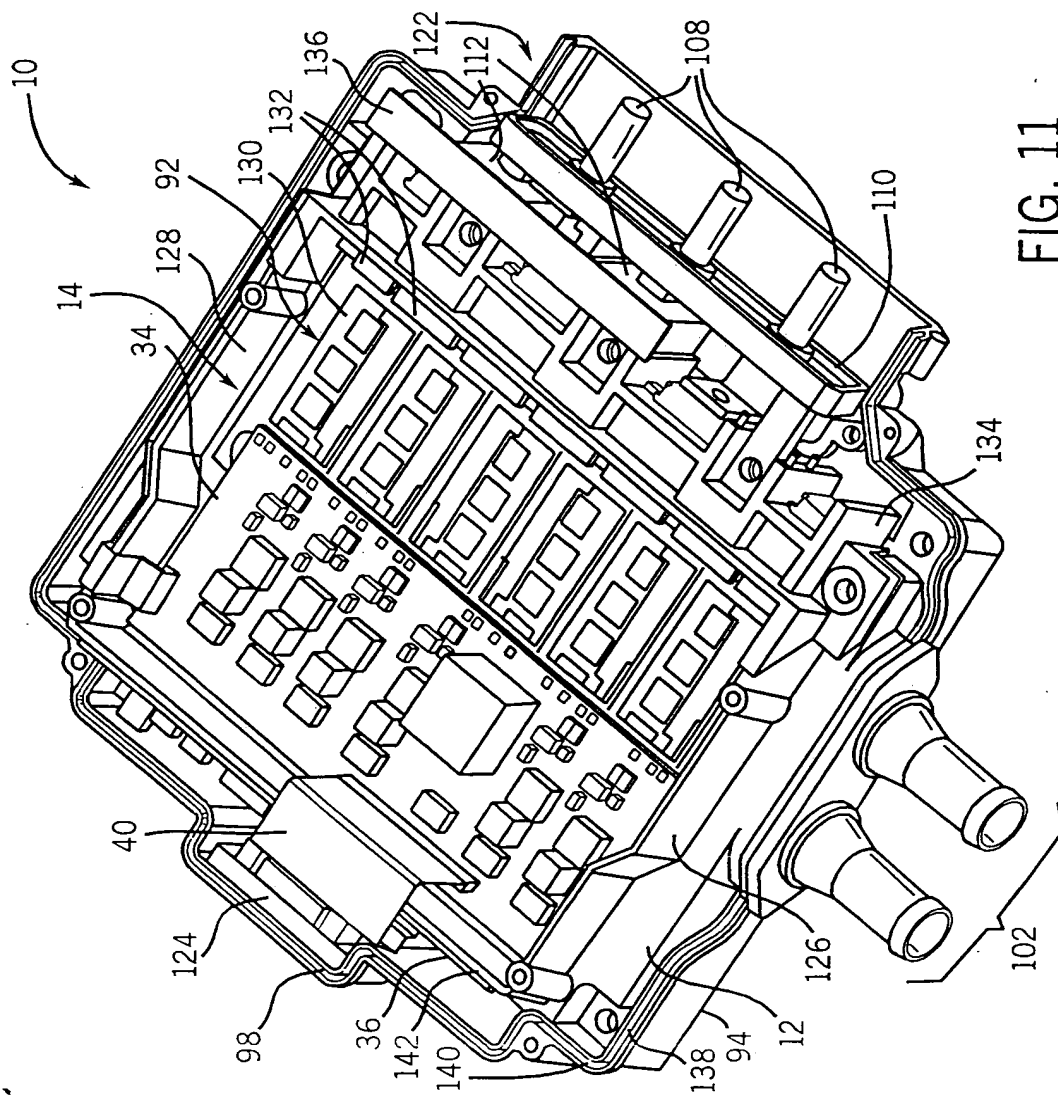
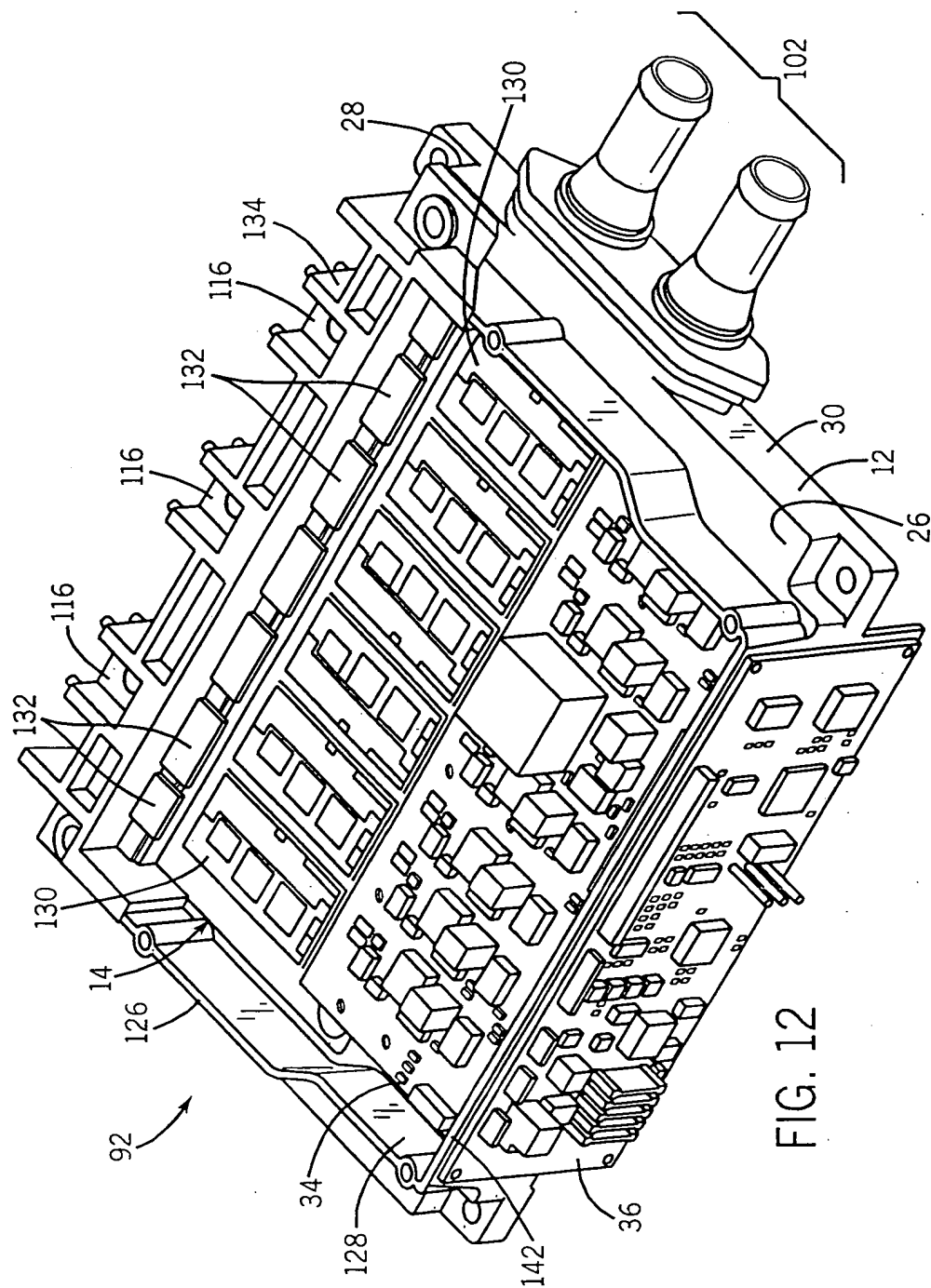


FIG. 11



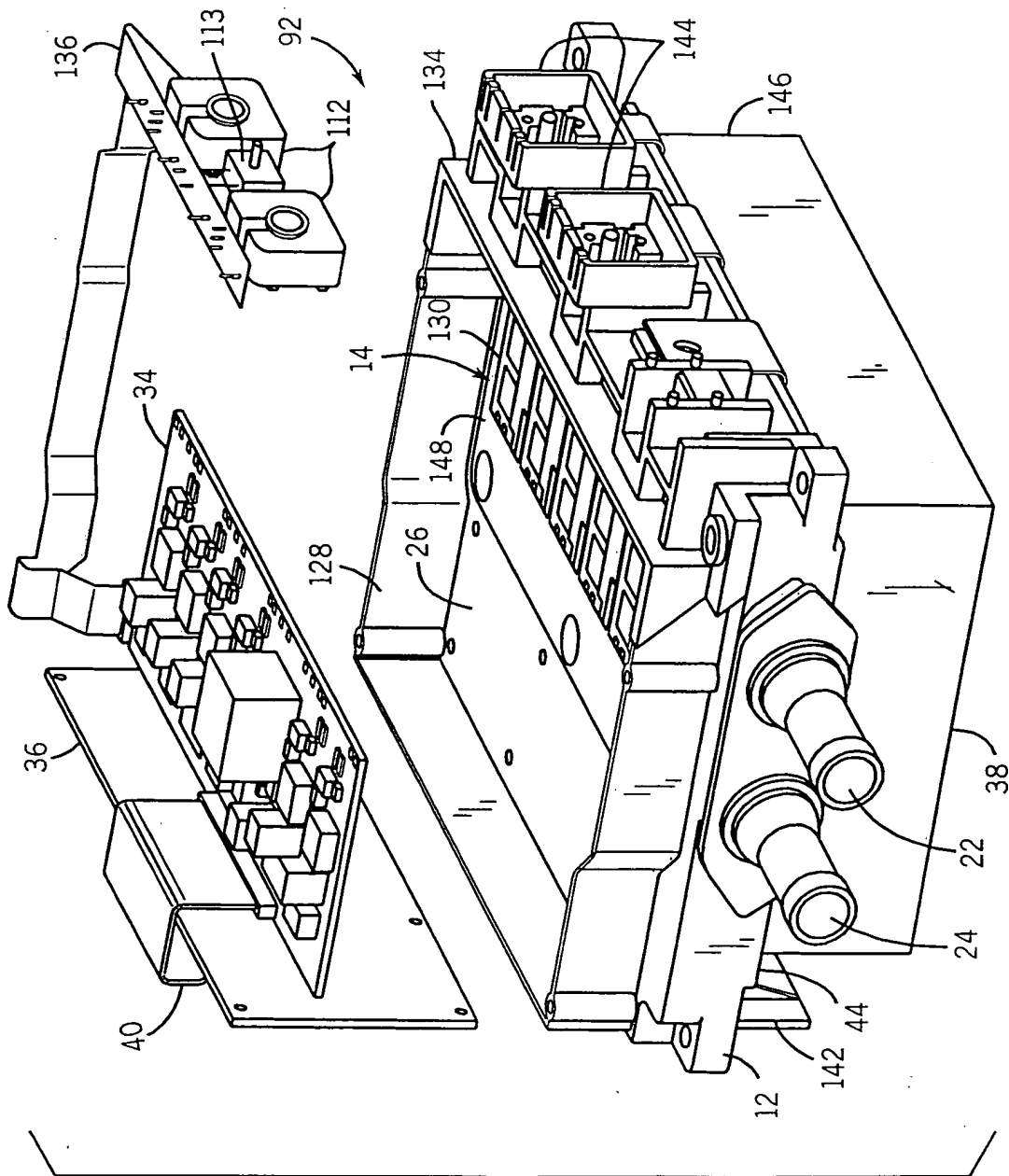
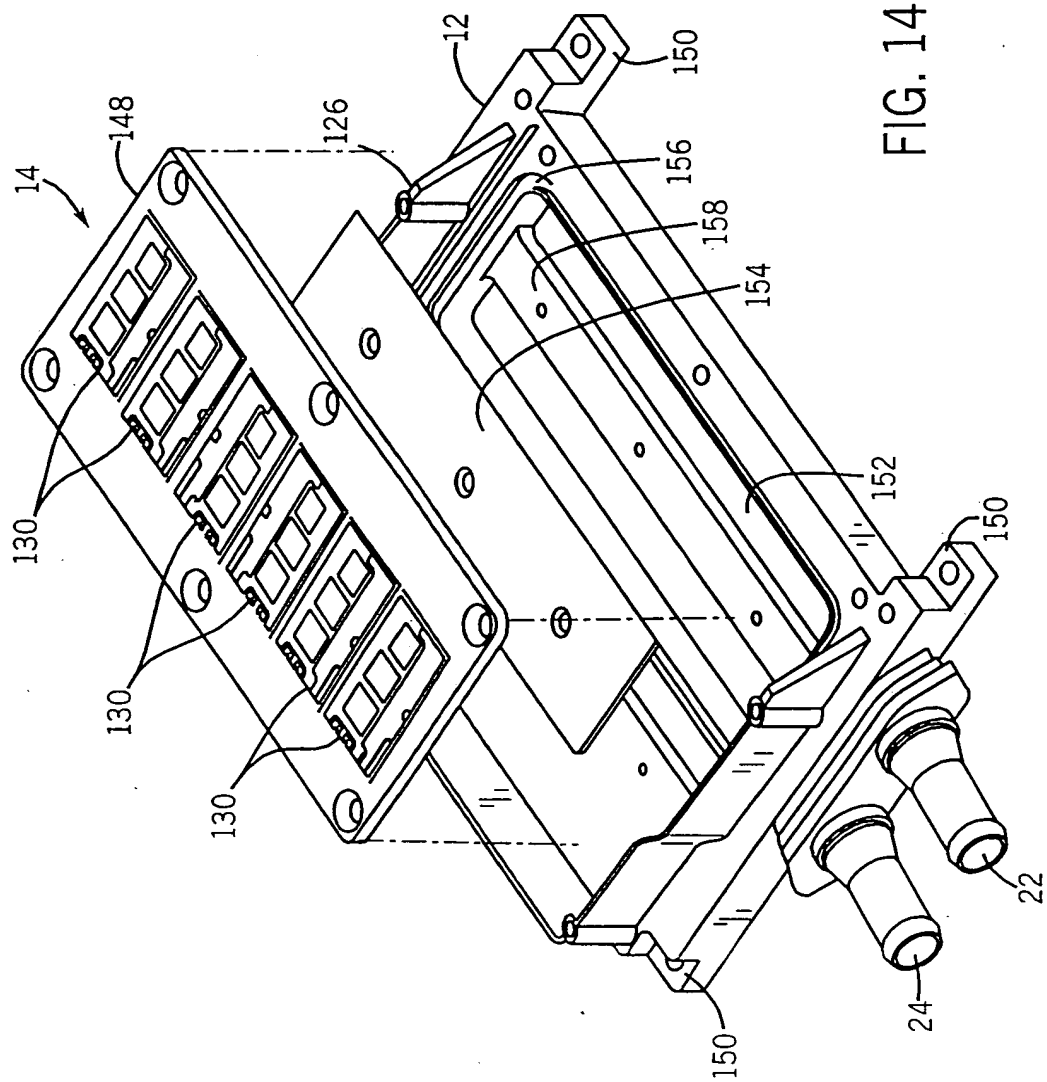


FIG. 13



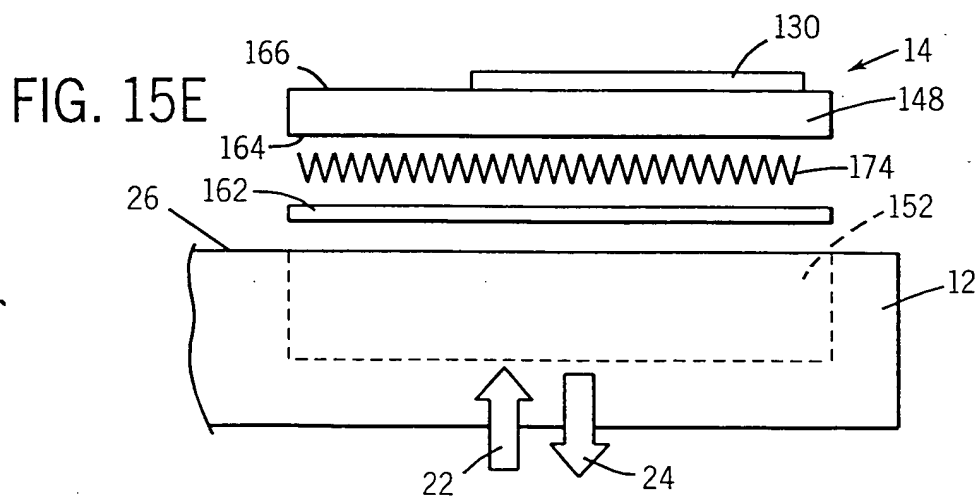
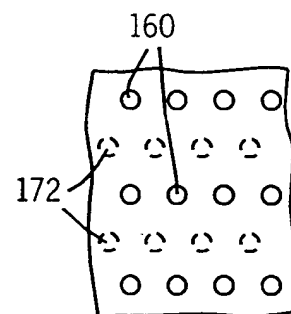
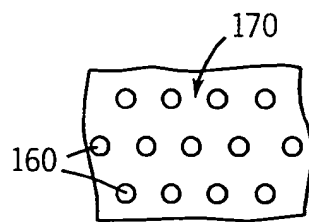
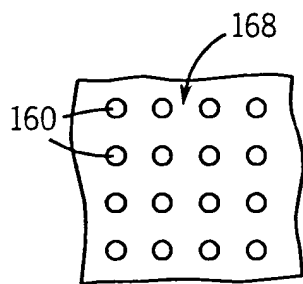
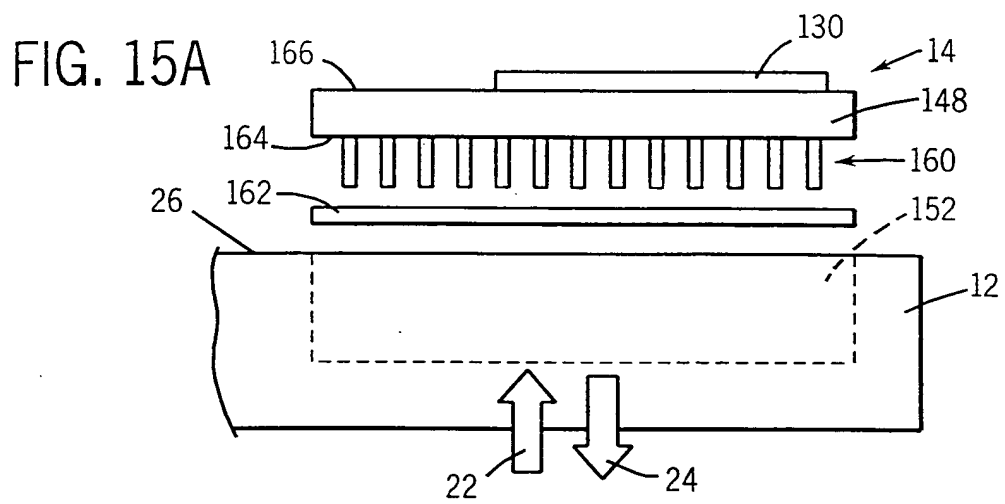
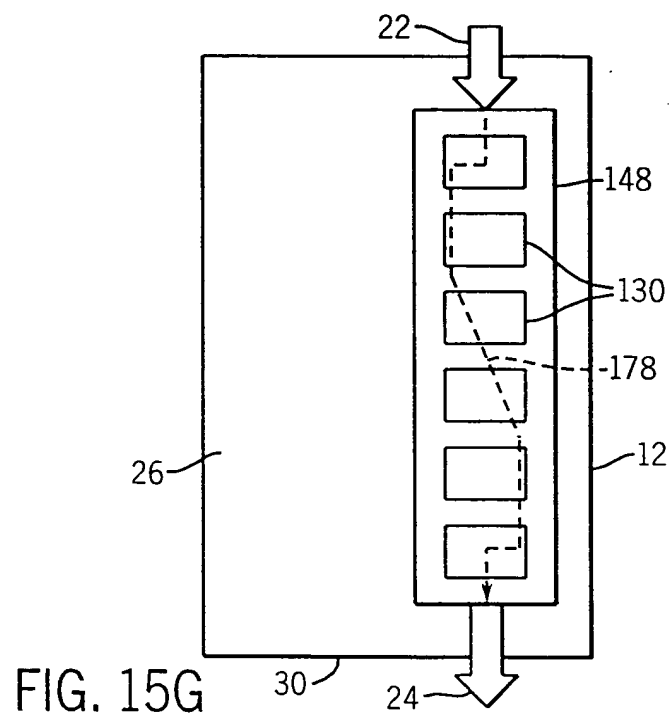
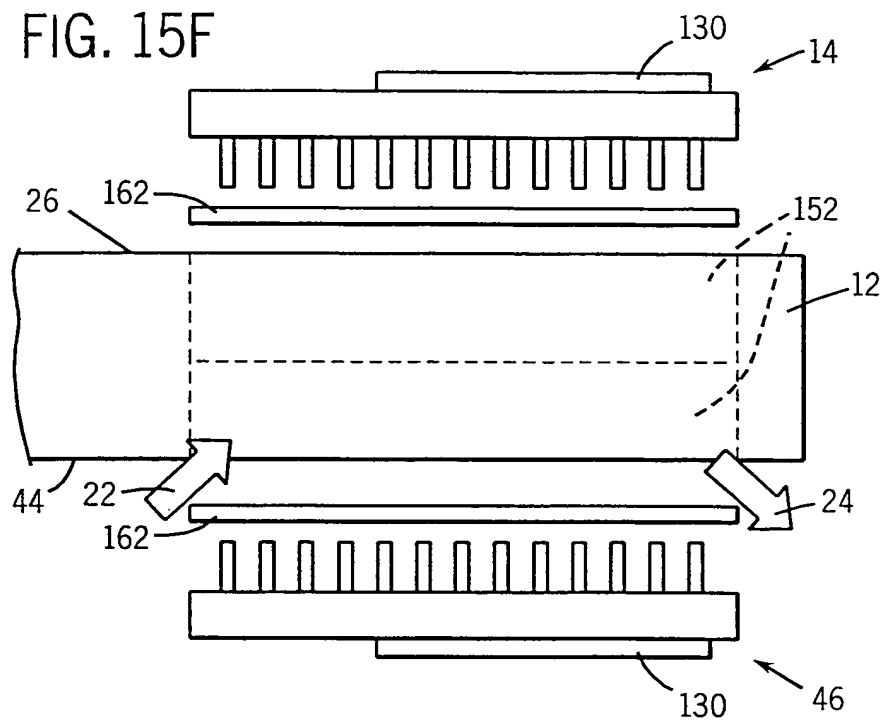


FIG. 15F



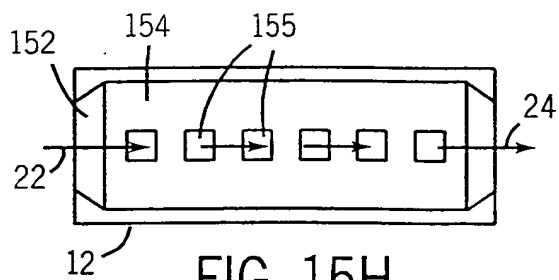


FIG. 15H

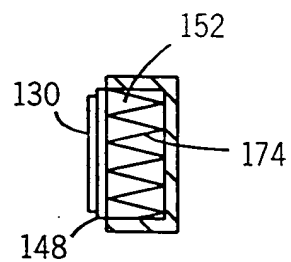


FIG. 15I

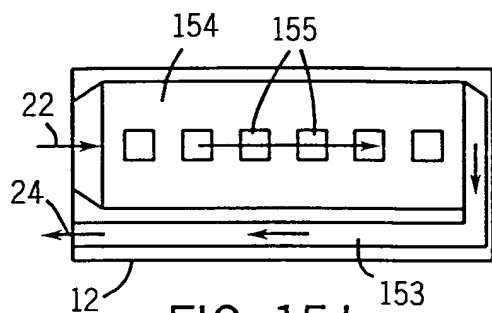


FIG. 15J

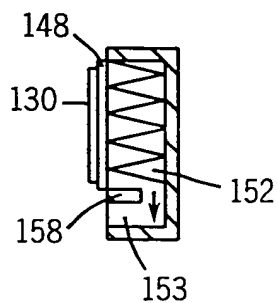


FIG. 15K

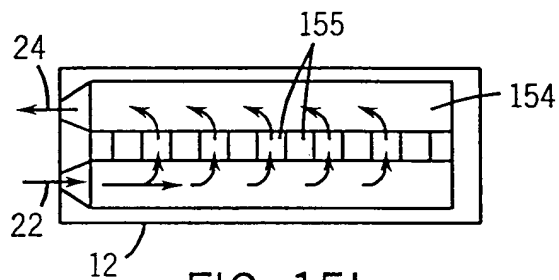


FIG. 15L

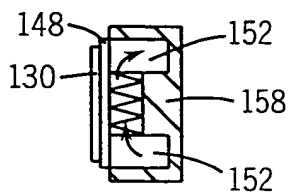


FIG. 15M

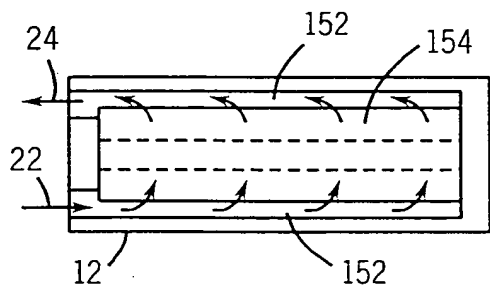


FIG. 15N

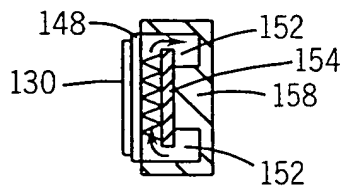
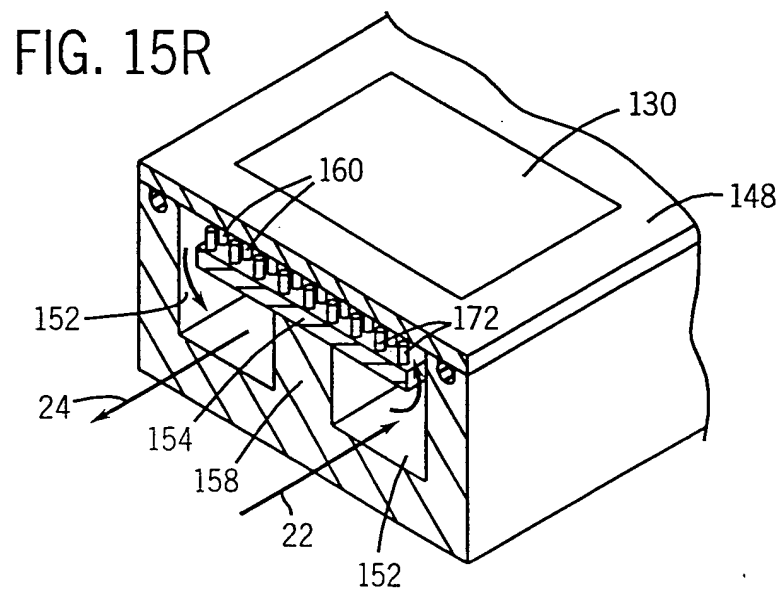
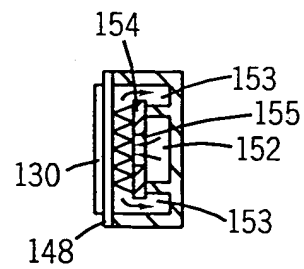
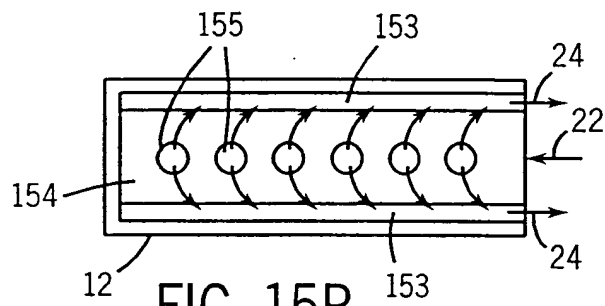
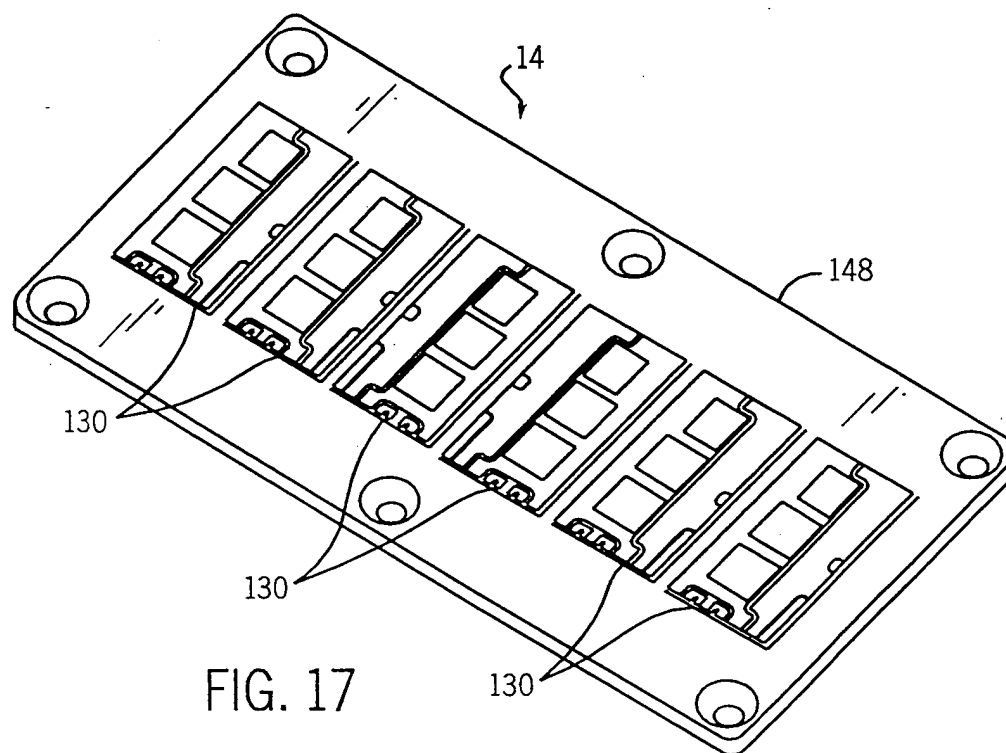
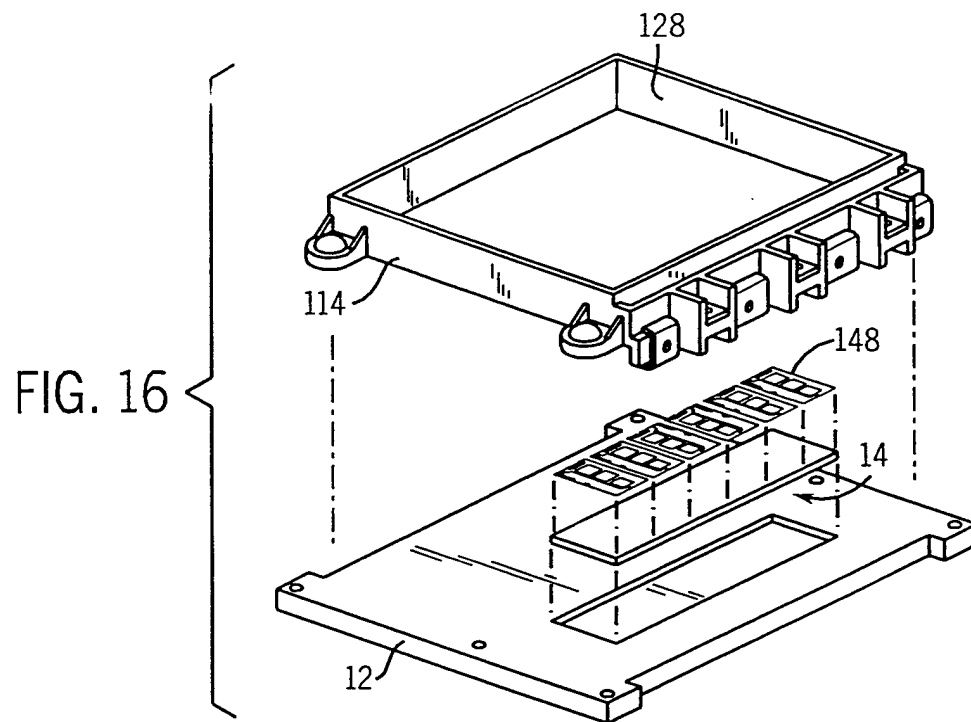


FIG. 15O





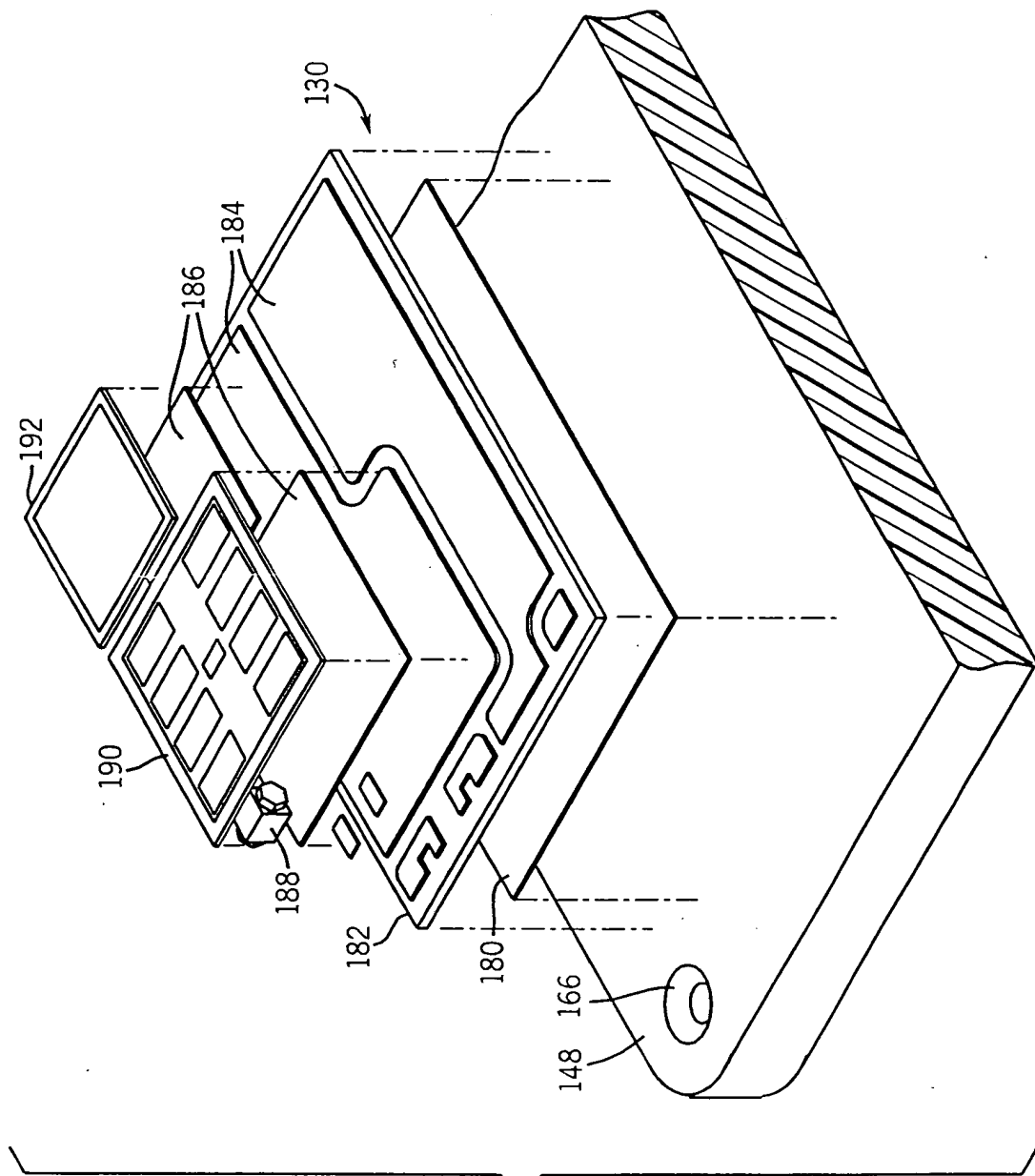


FIG. 18

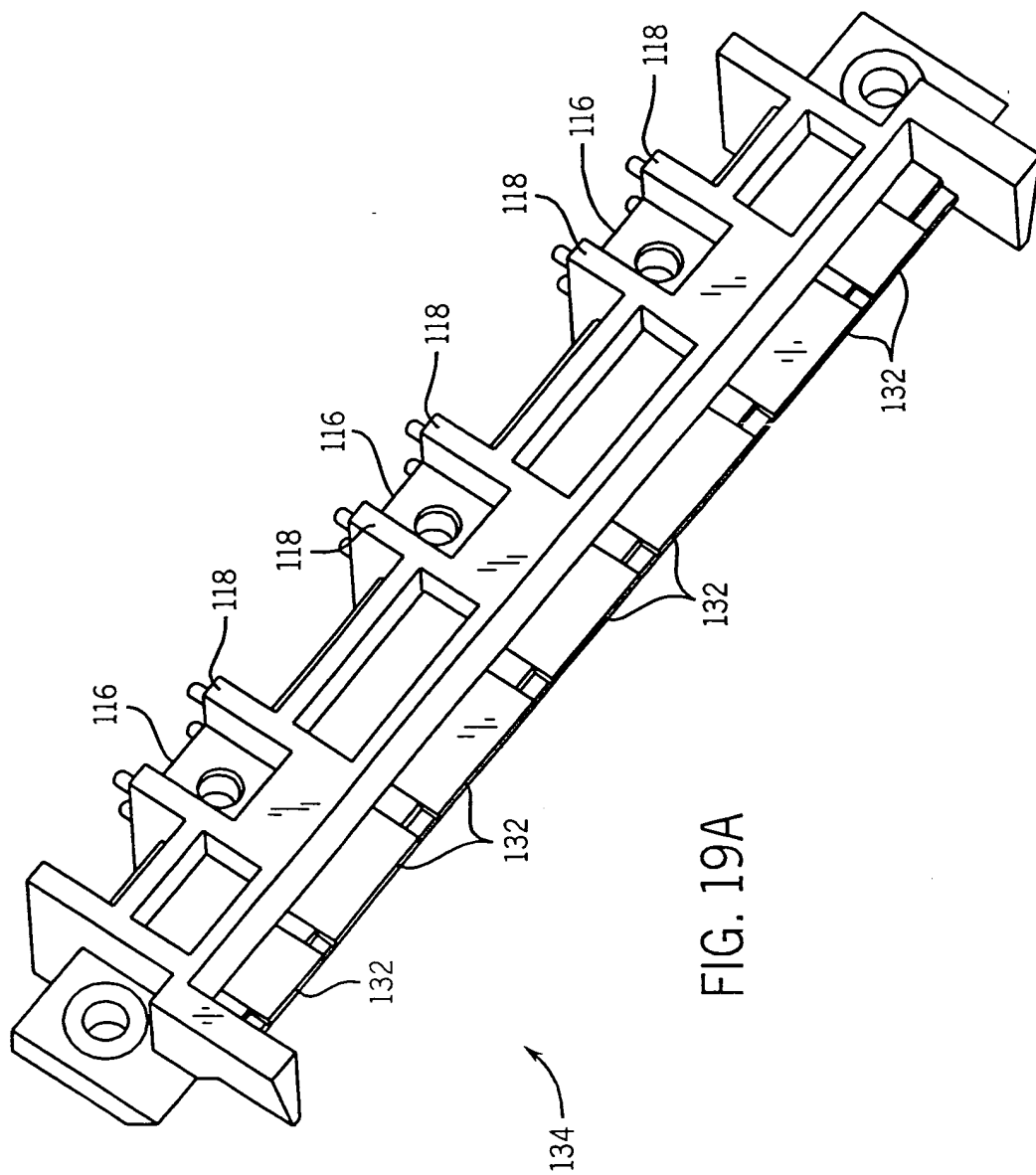


FIG. 19A

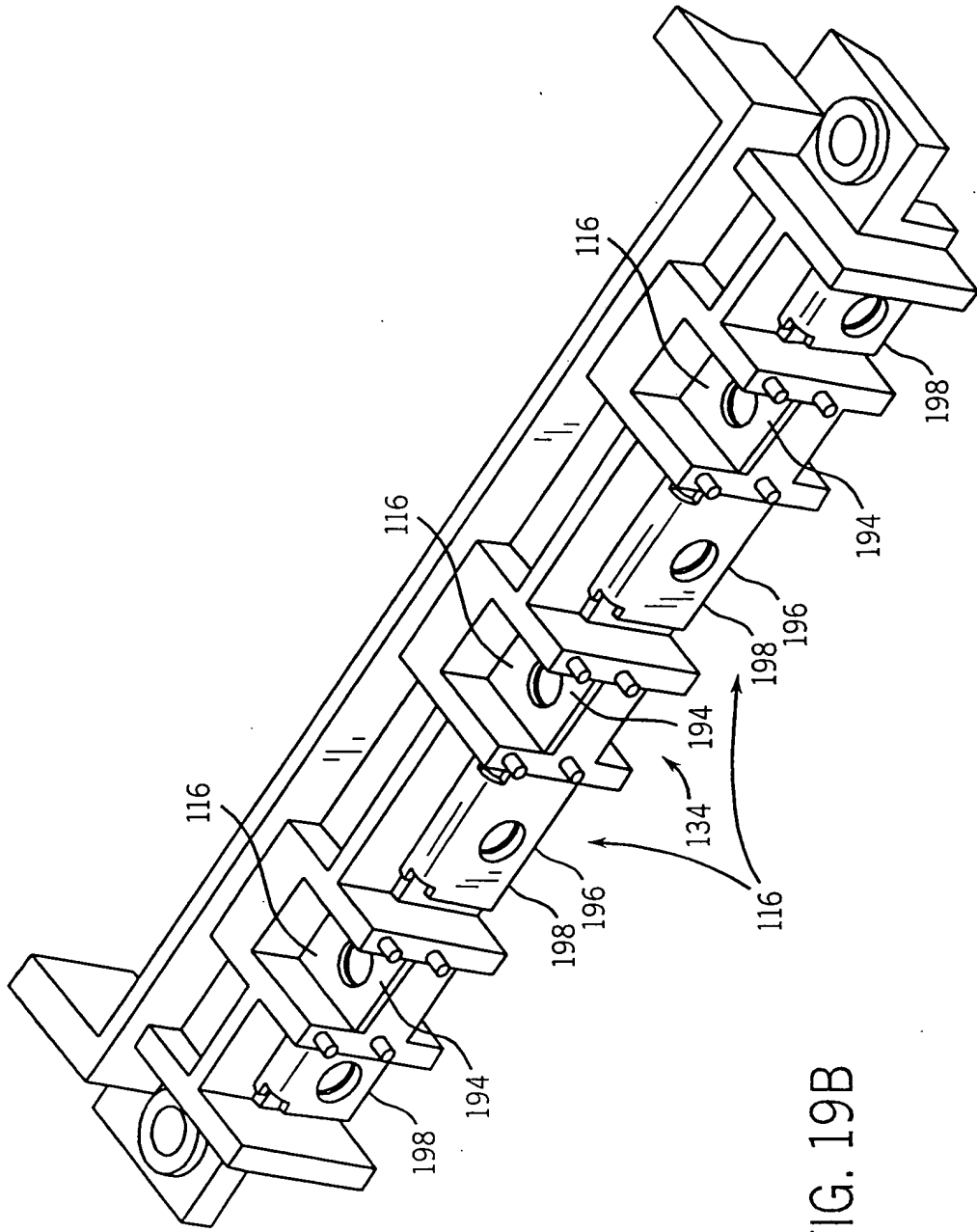


FIG. 19B

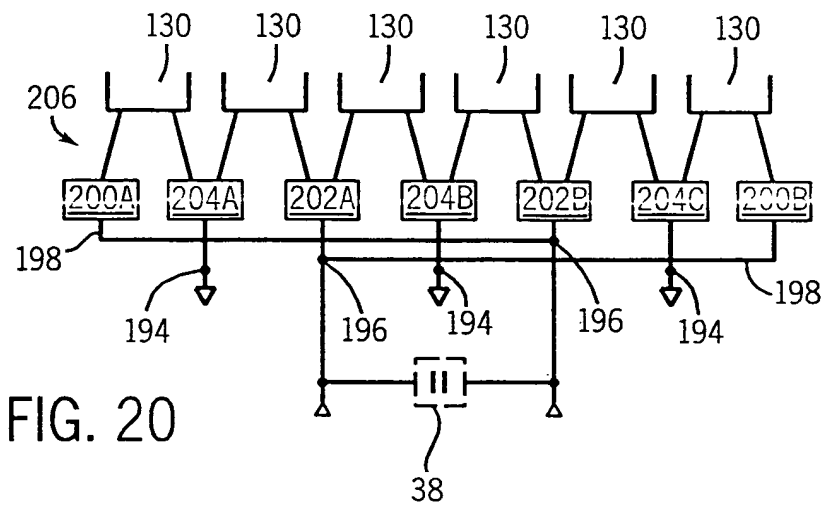


FIG. 20

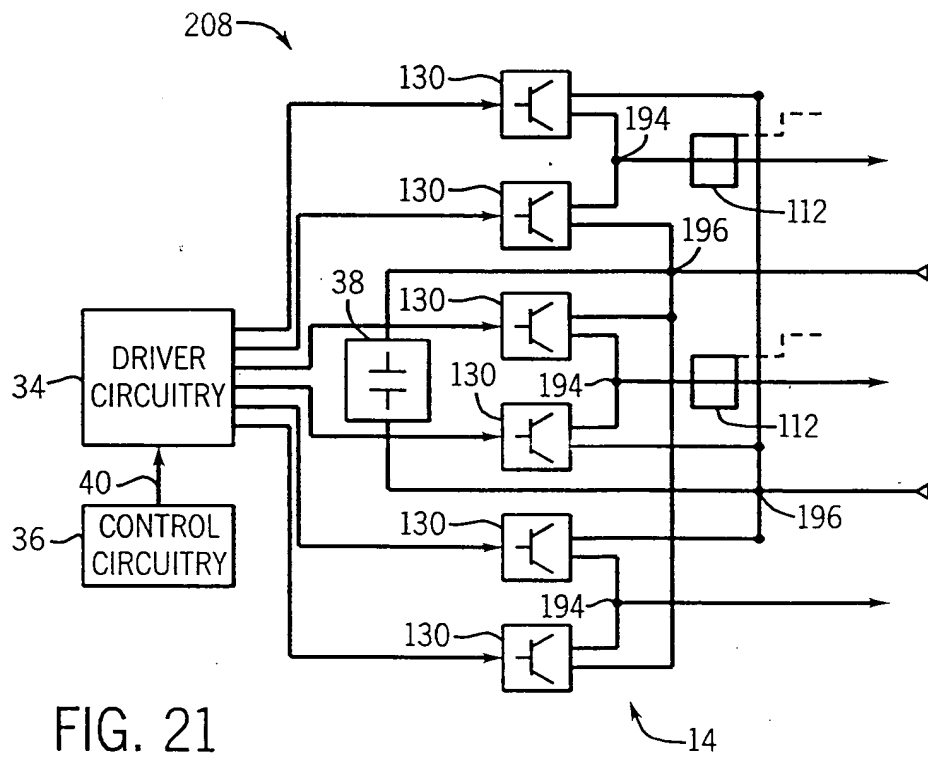


FIG. 21

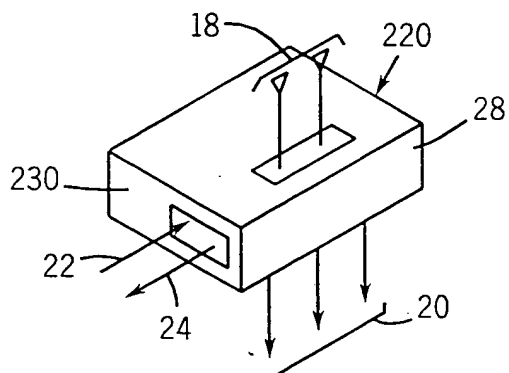
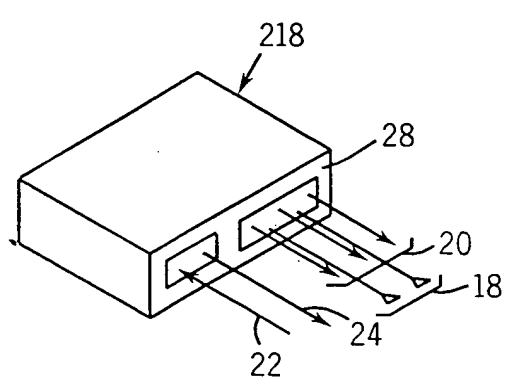
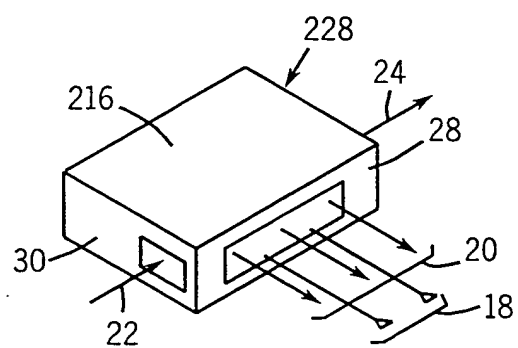
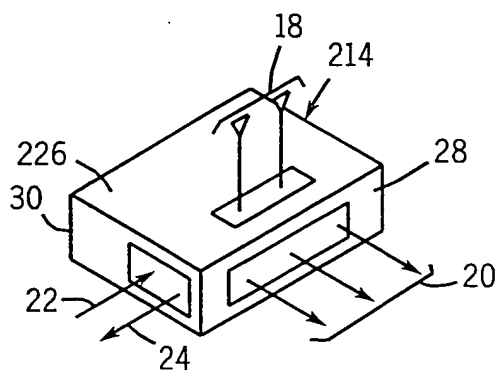
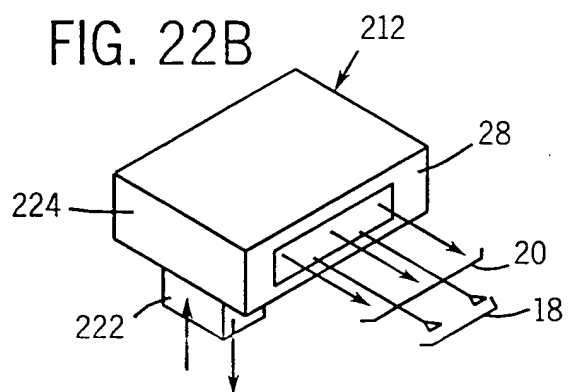
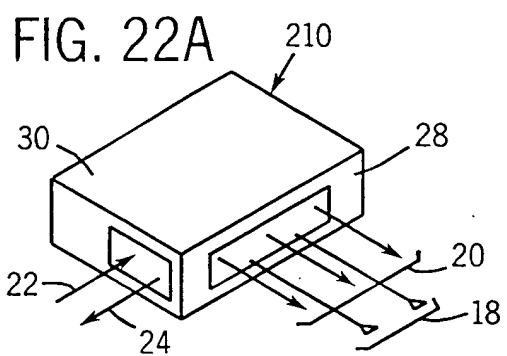


FIG. 22A

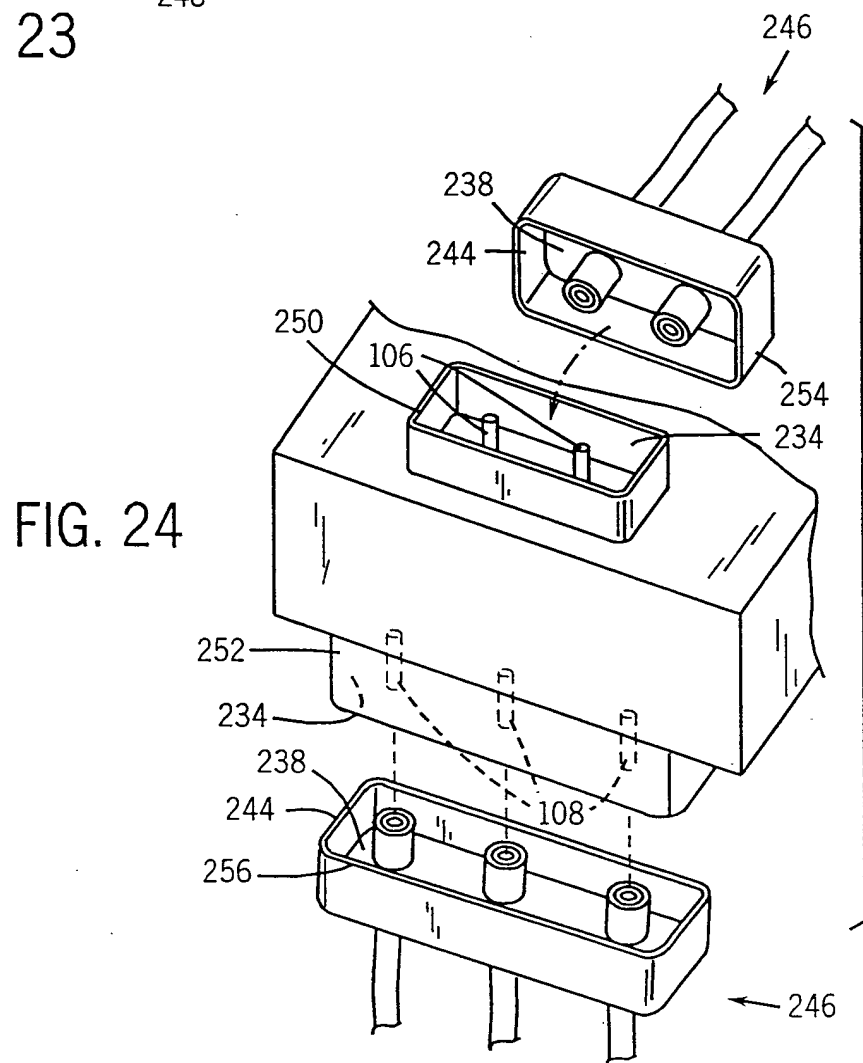
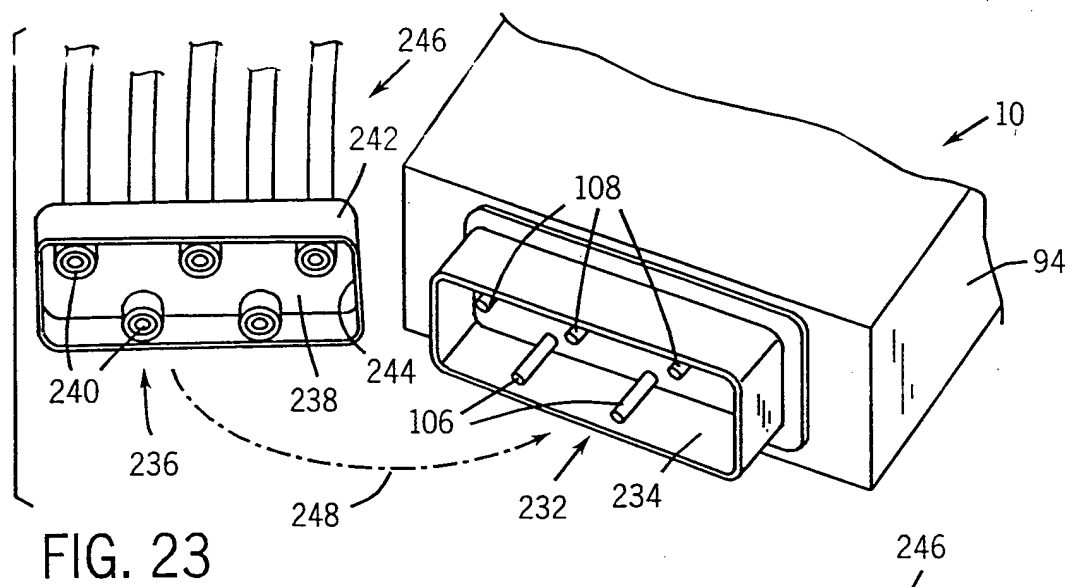
FIG. 22B

FIG. 22C

FIG. 22D

FIG. 22E

FIG. 22F



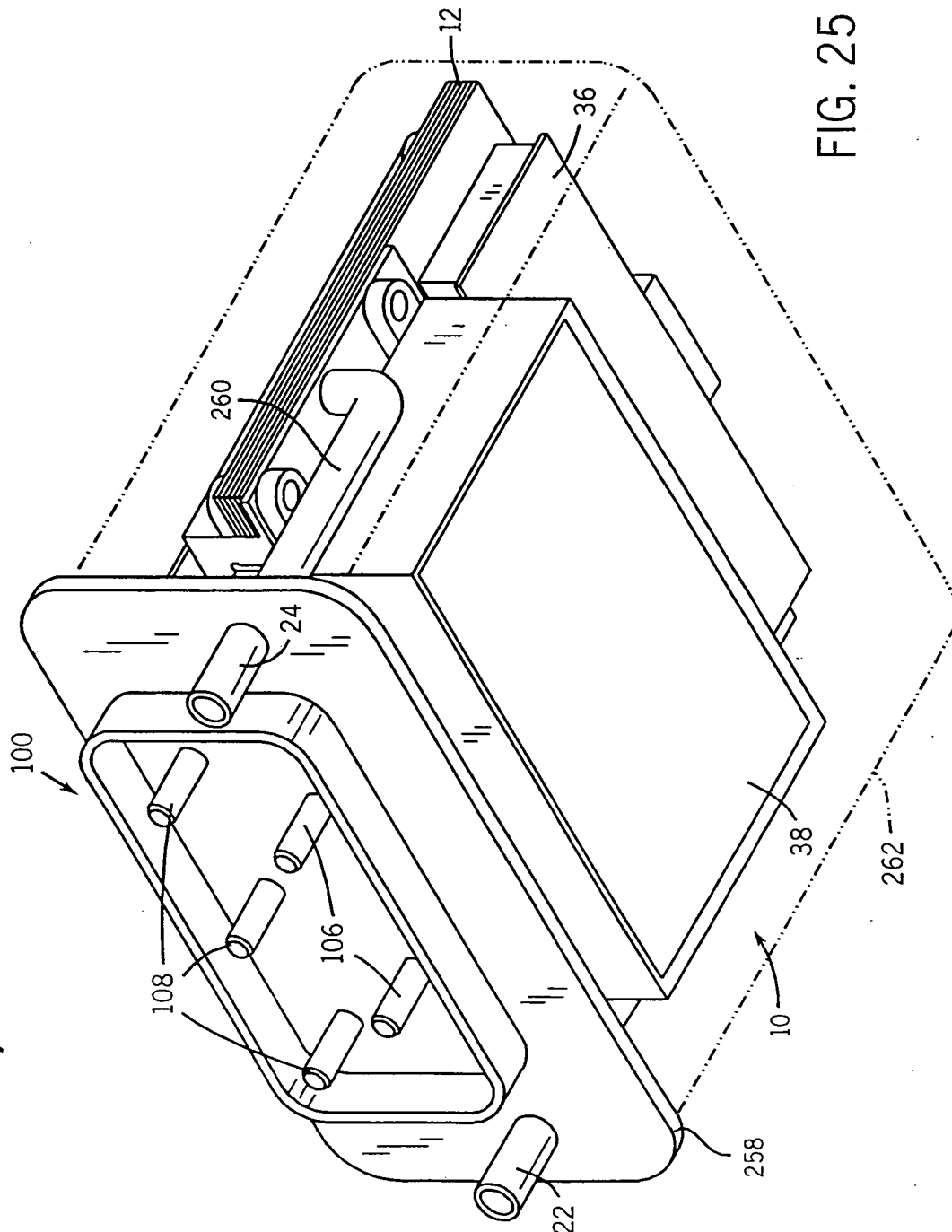


FIG. 25

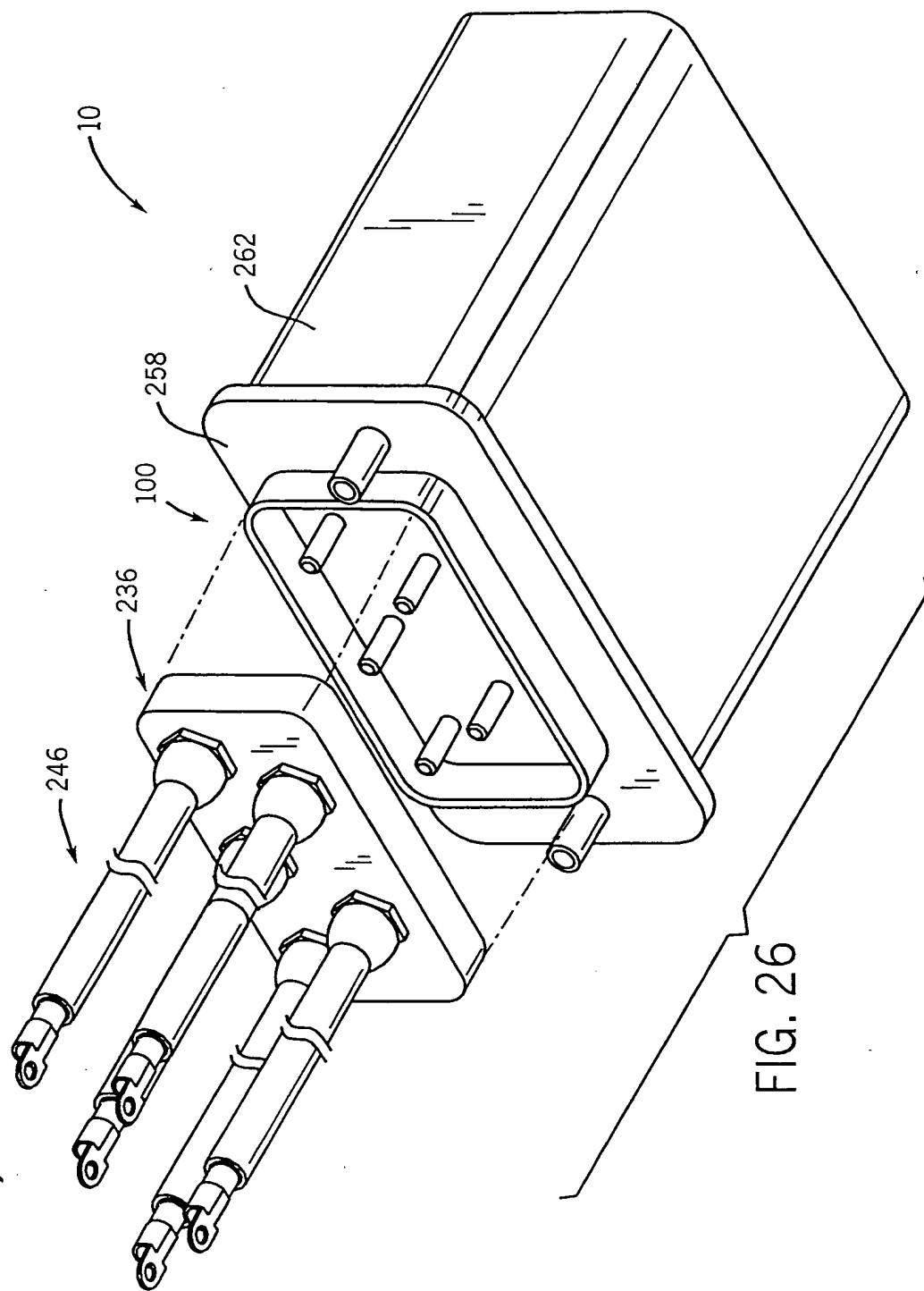


FIG. 26

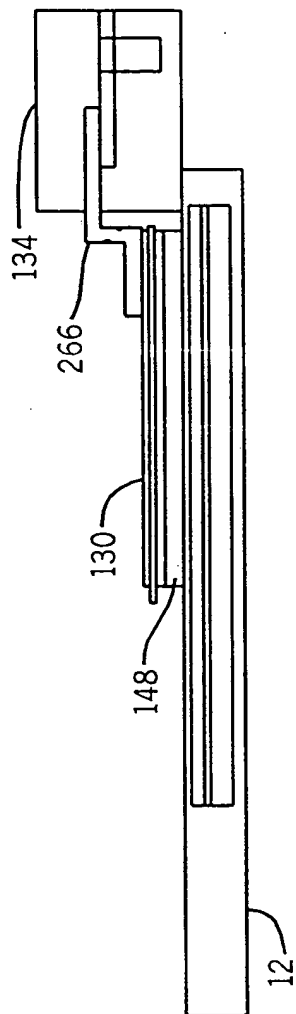


FIG. 27A

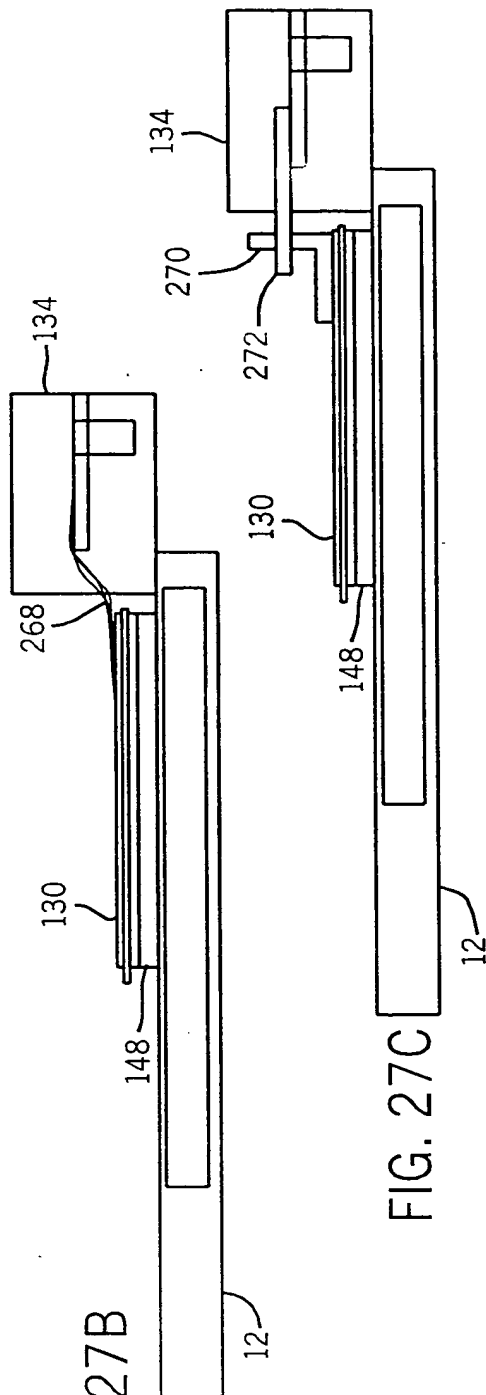


FIG. 27B

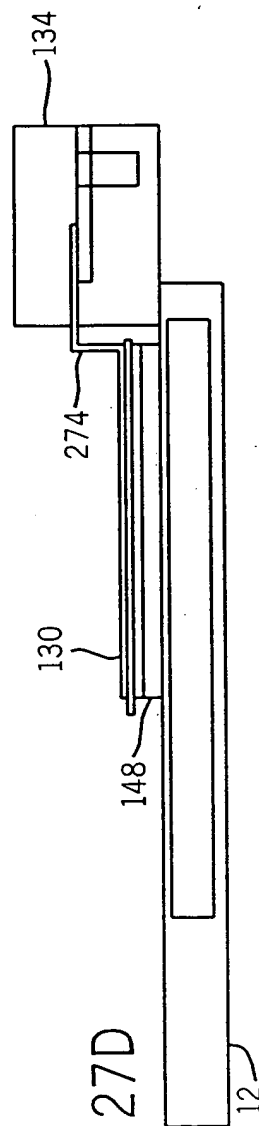


FIG. 27D

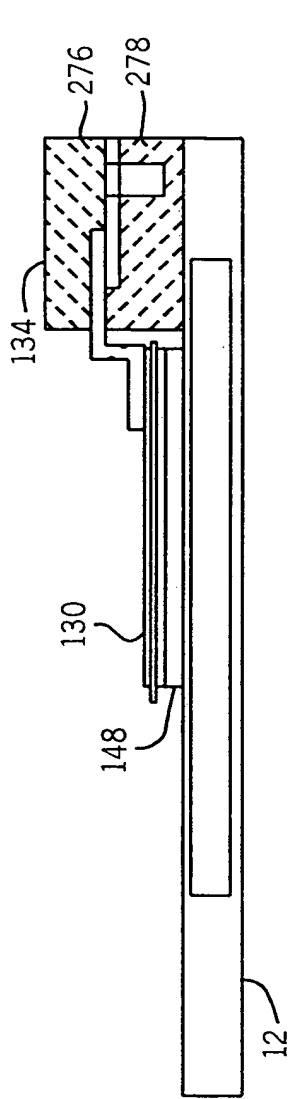


FIG. 28A

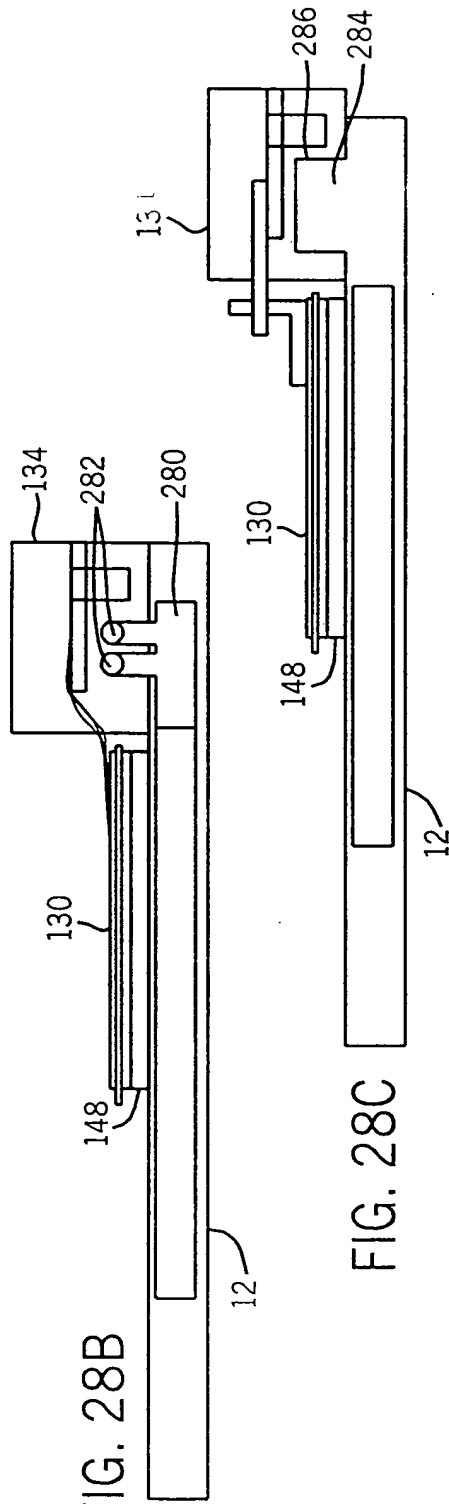


FIG. 28B

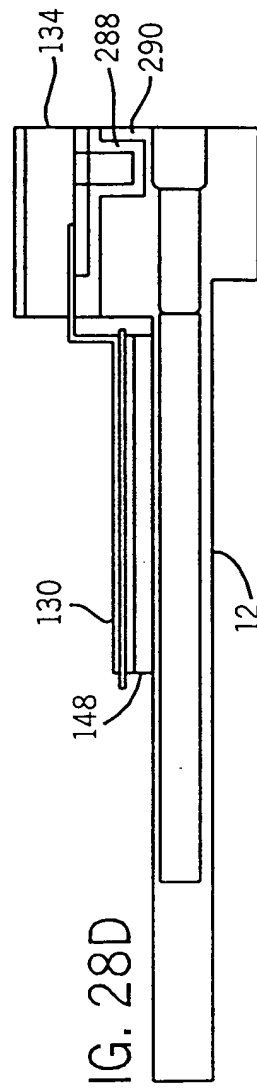


FIG. 28C

FIG. 28D

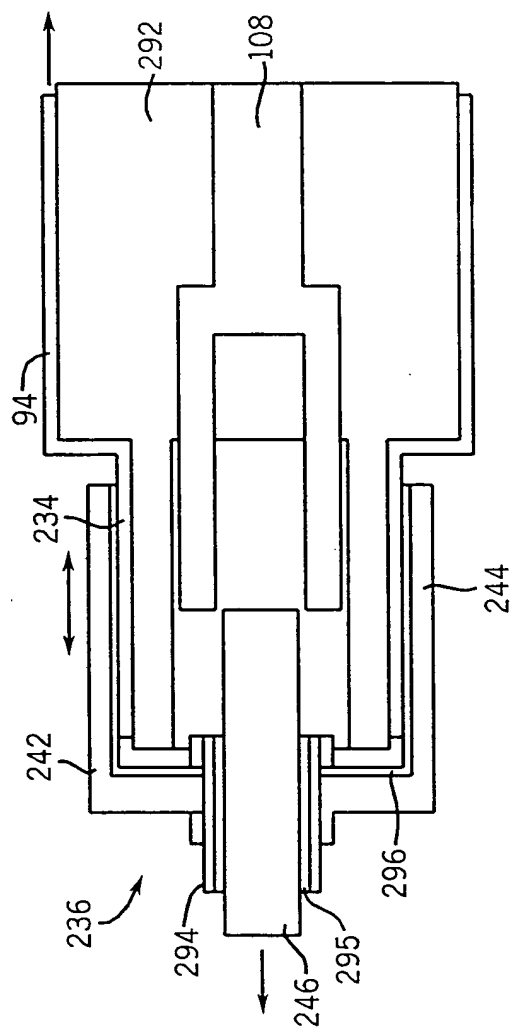


FIG. 29A

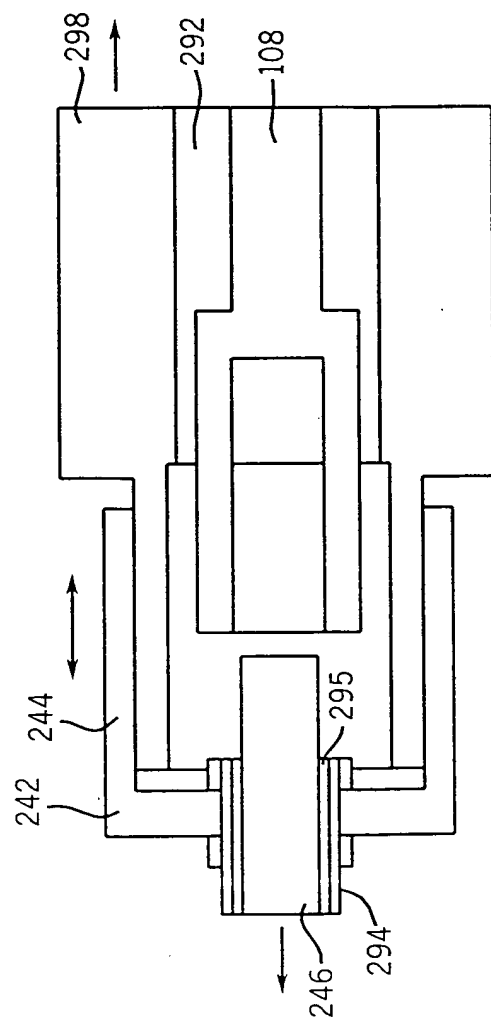
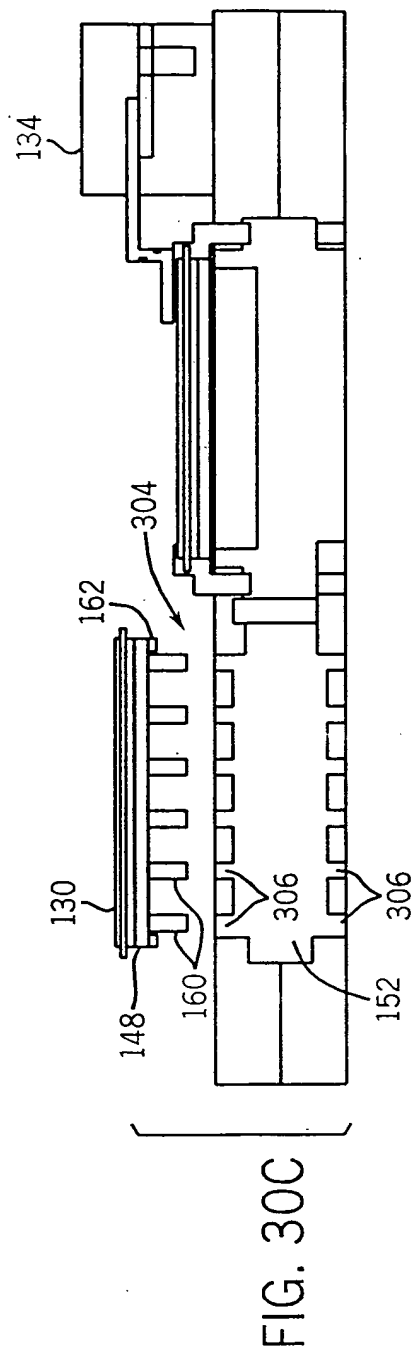
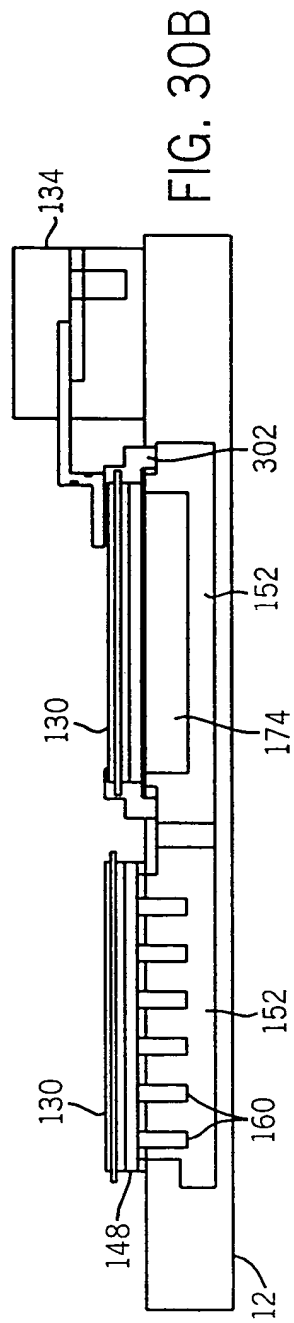
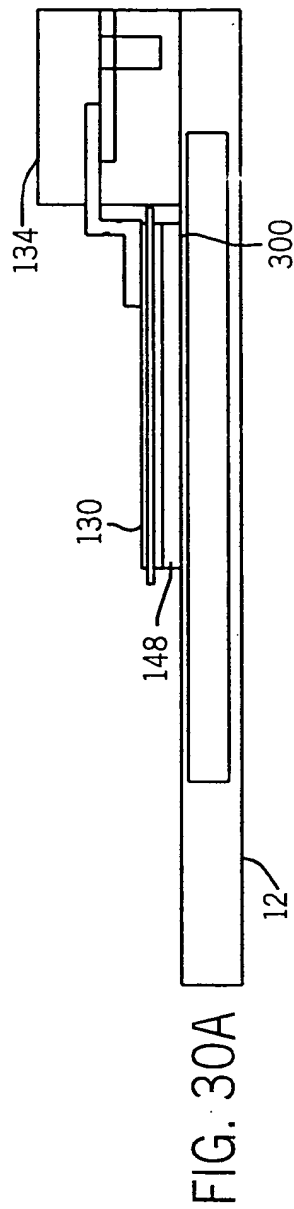


FIG. 29B



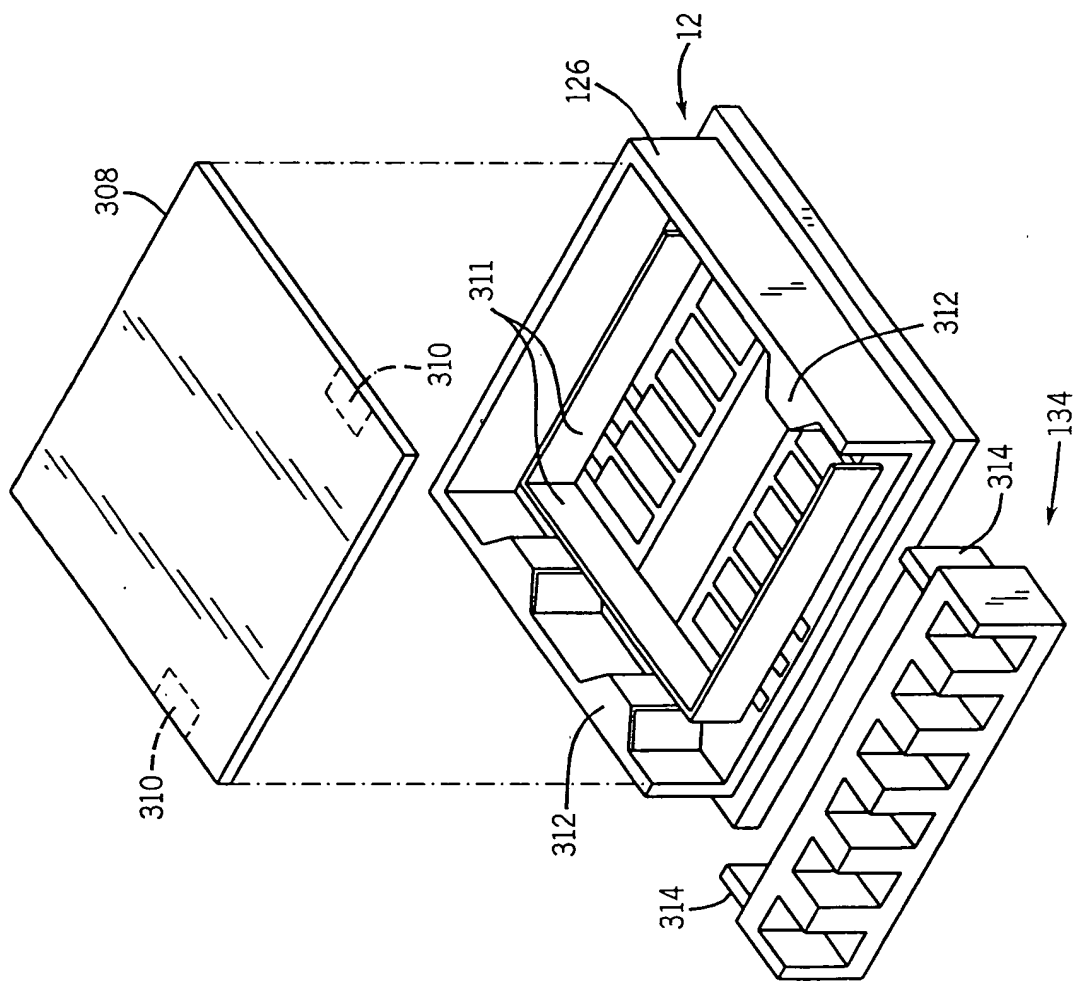


FIG. 31A

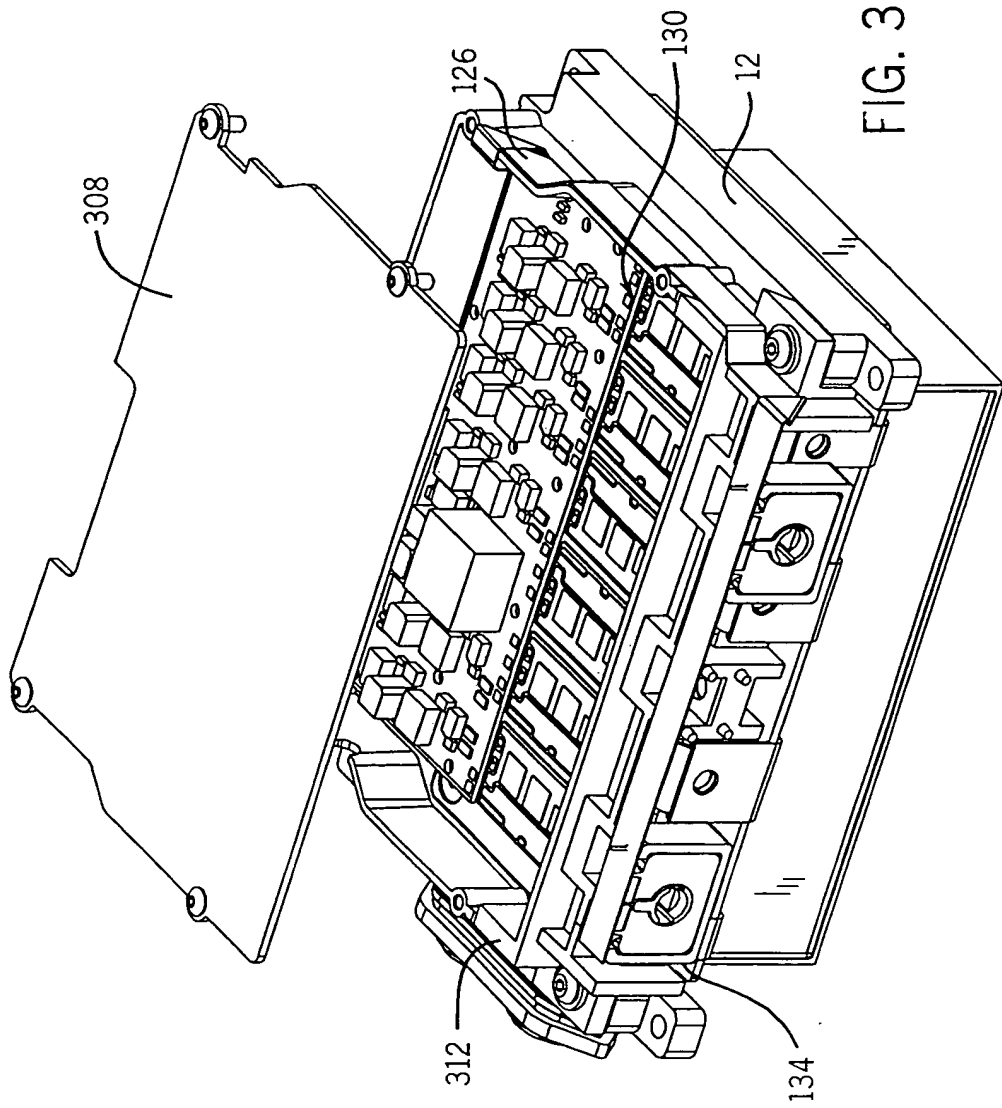


FIG. 31B

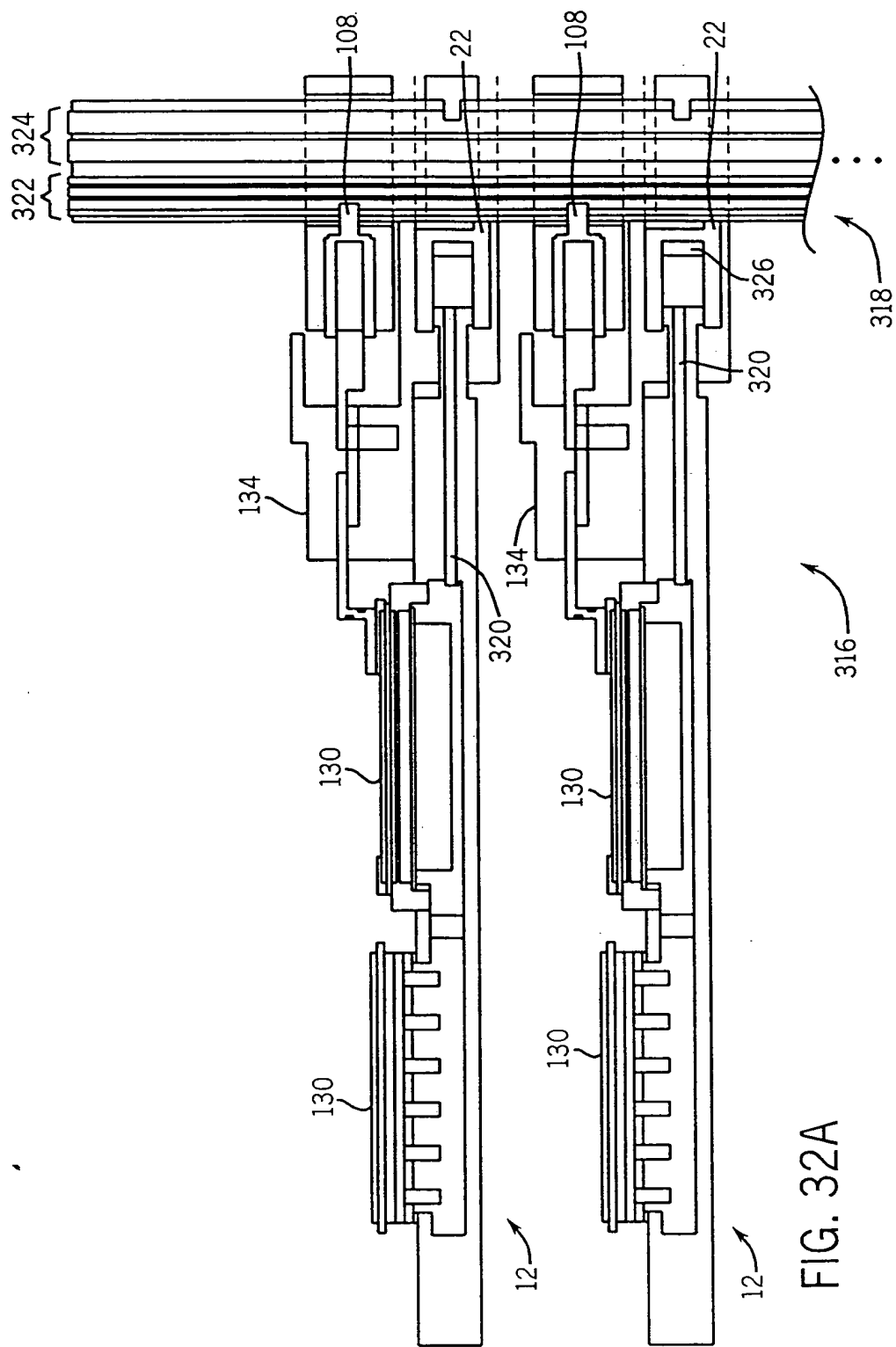


FIG. 32A

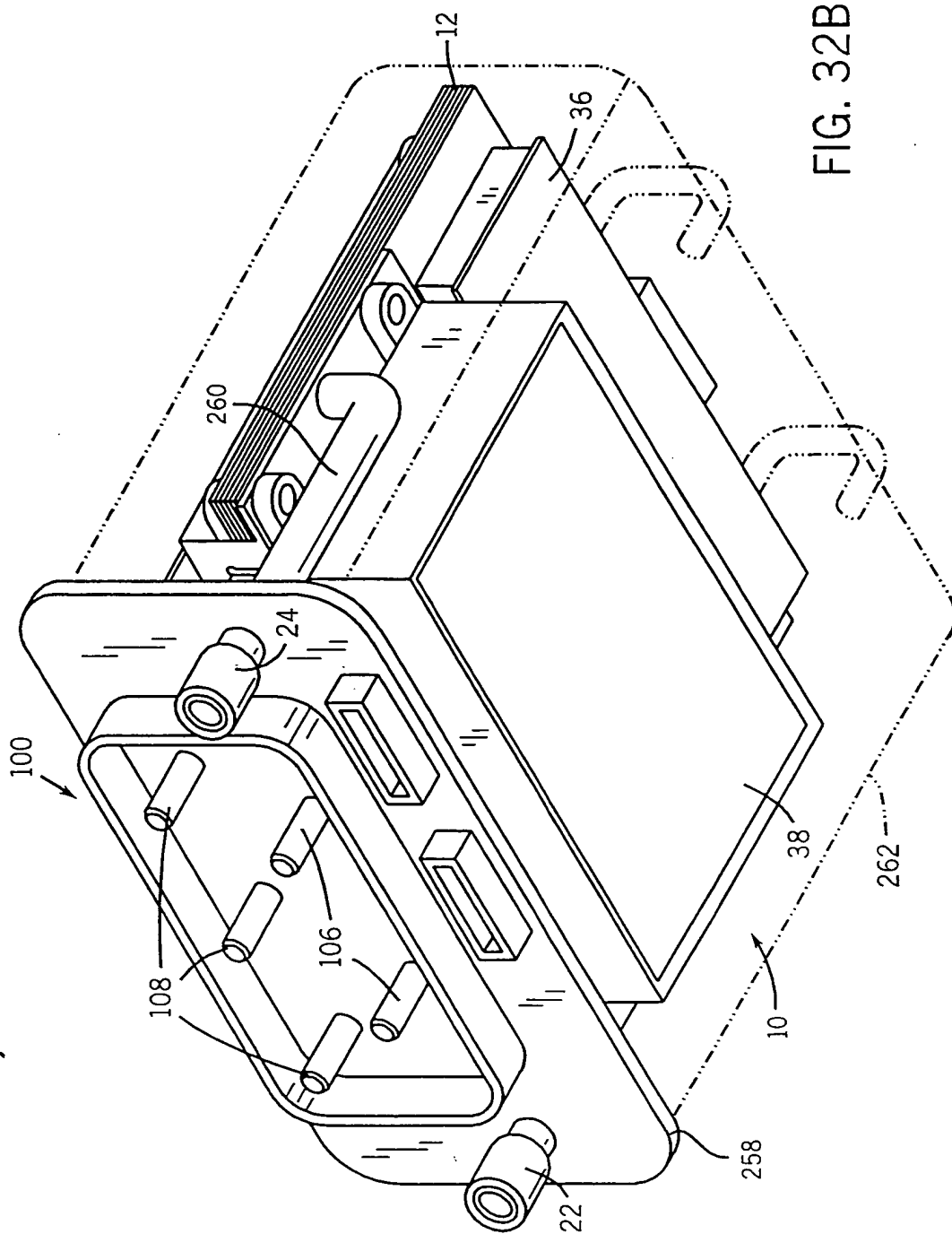


FIG. 32B

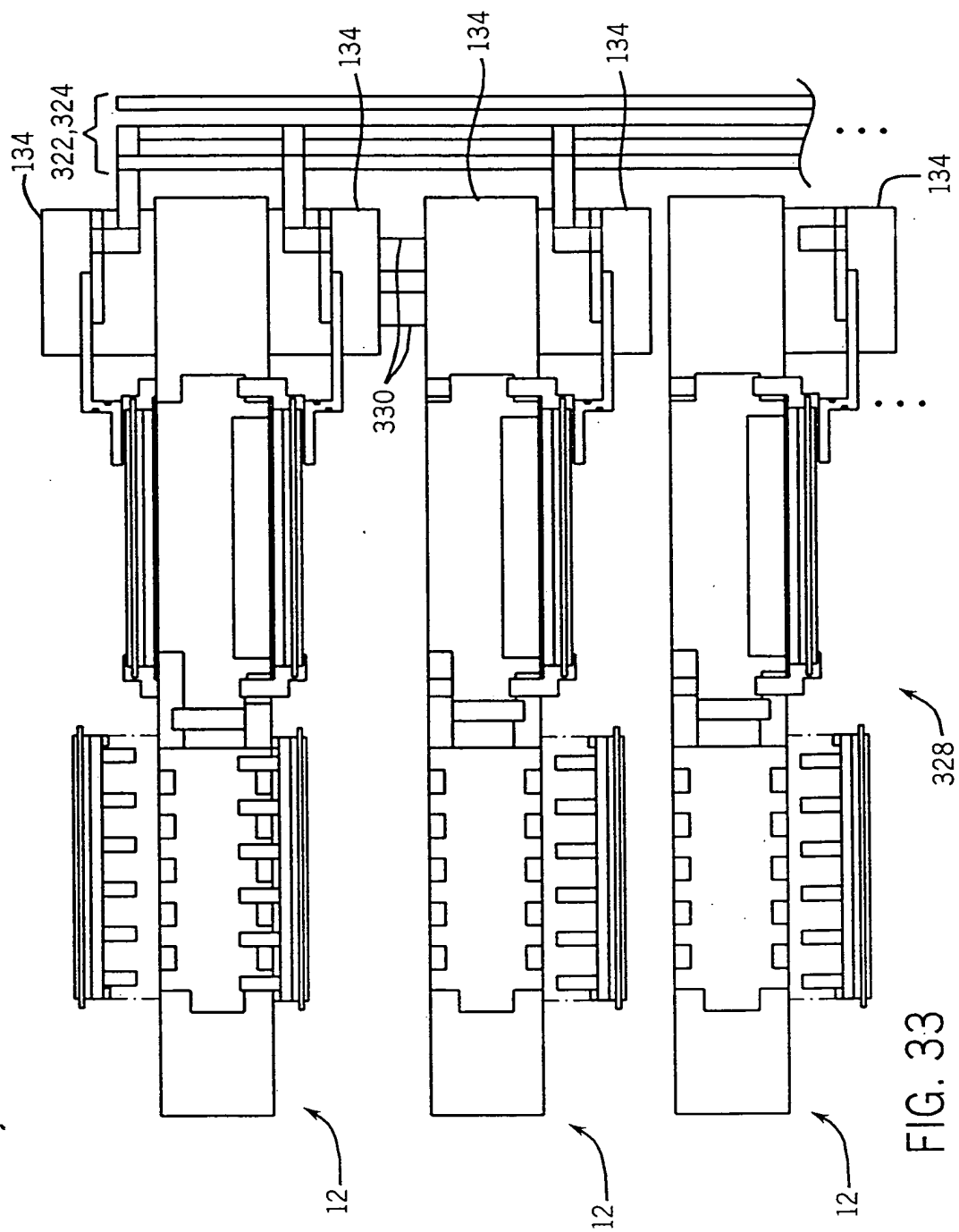


FIG. 33

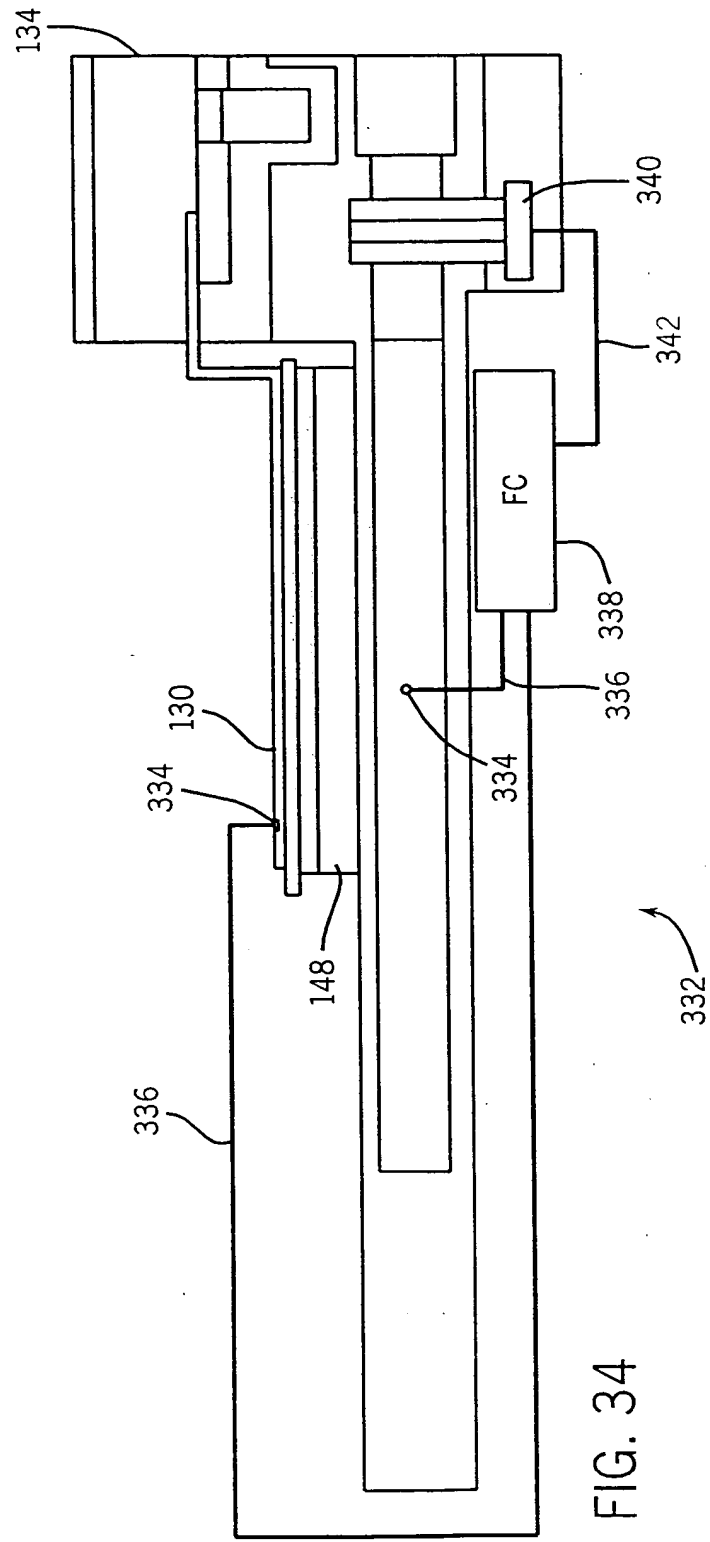


FIG. 34

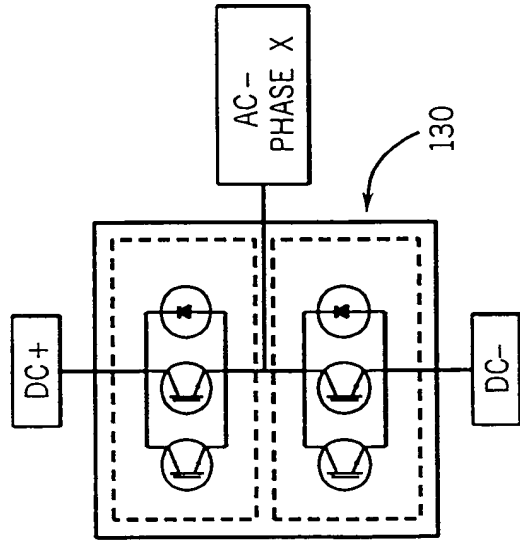


FIG. 35A

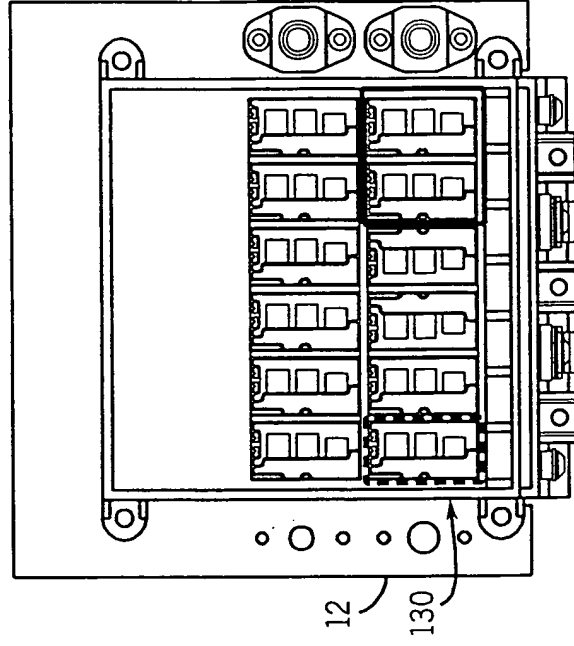


FIG. 35B

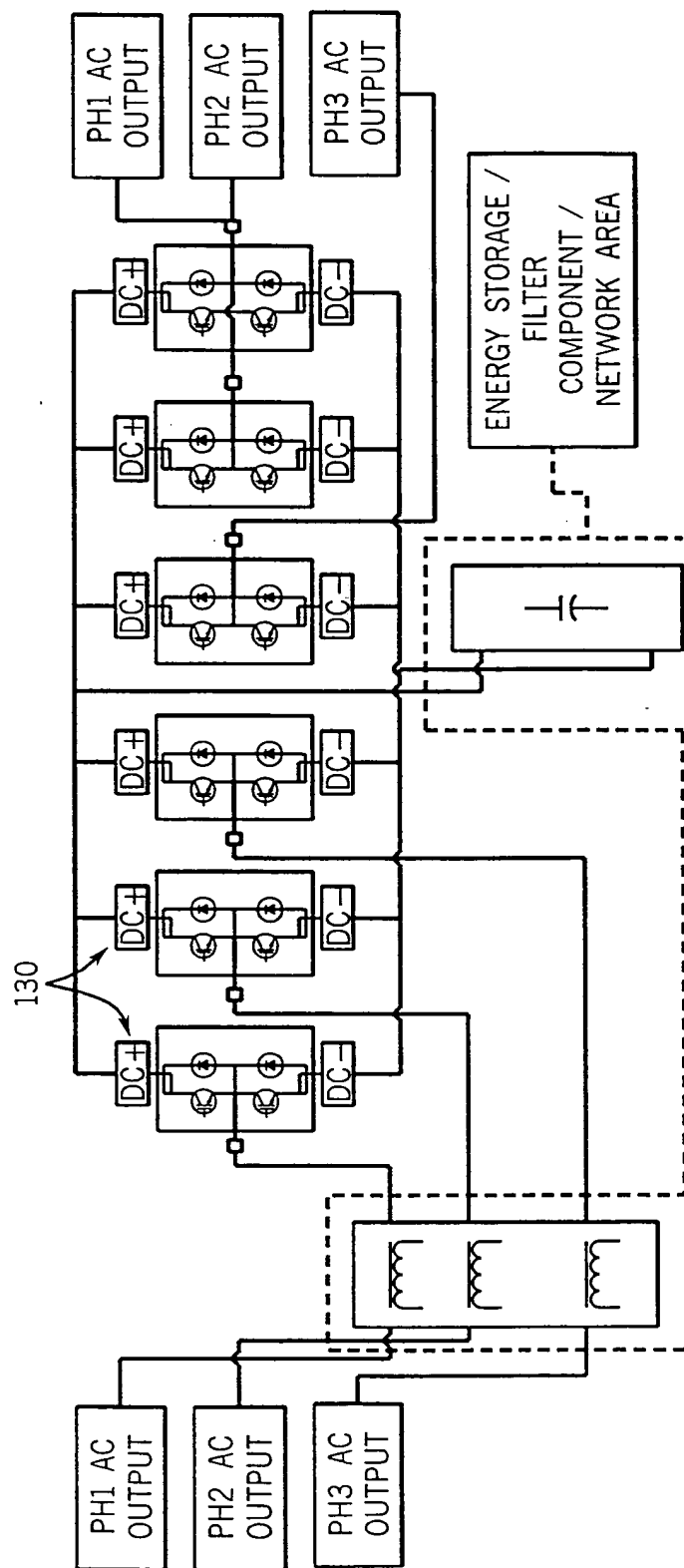


FIG. 35C

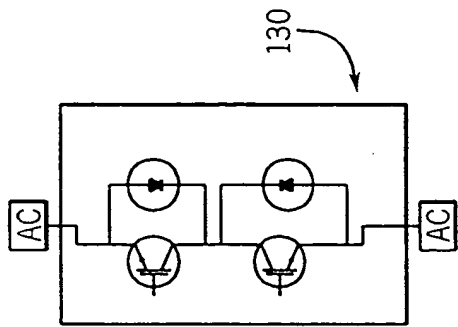


FIG. 36A

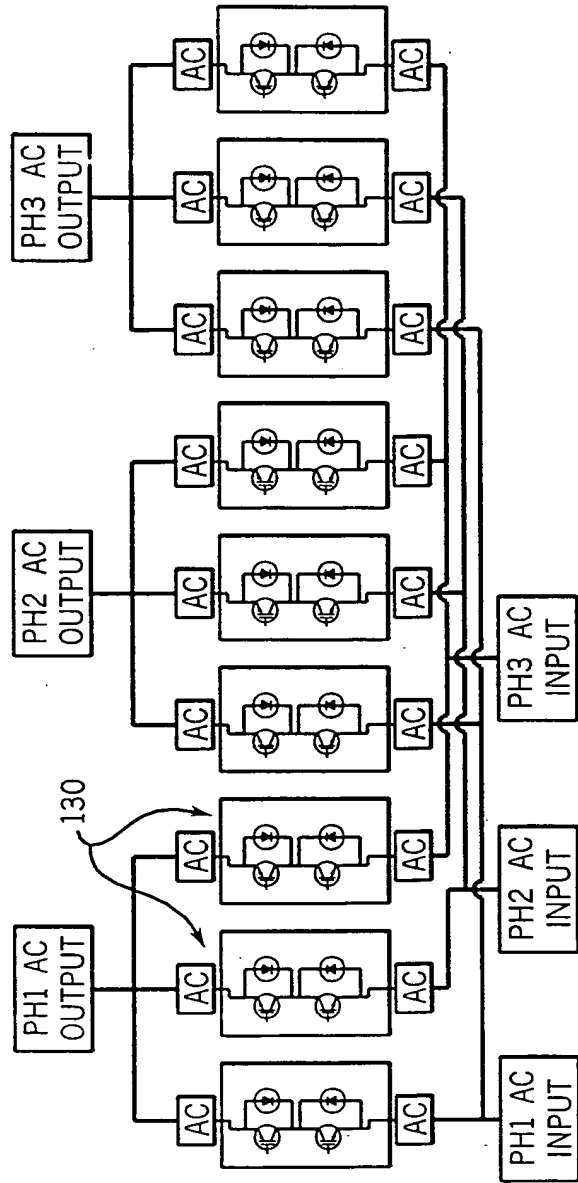


FIG. 36C

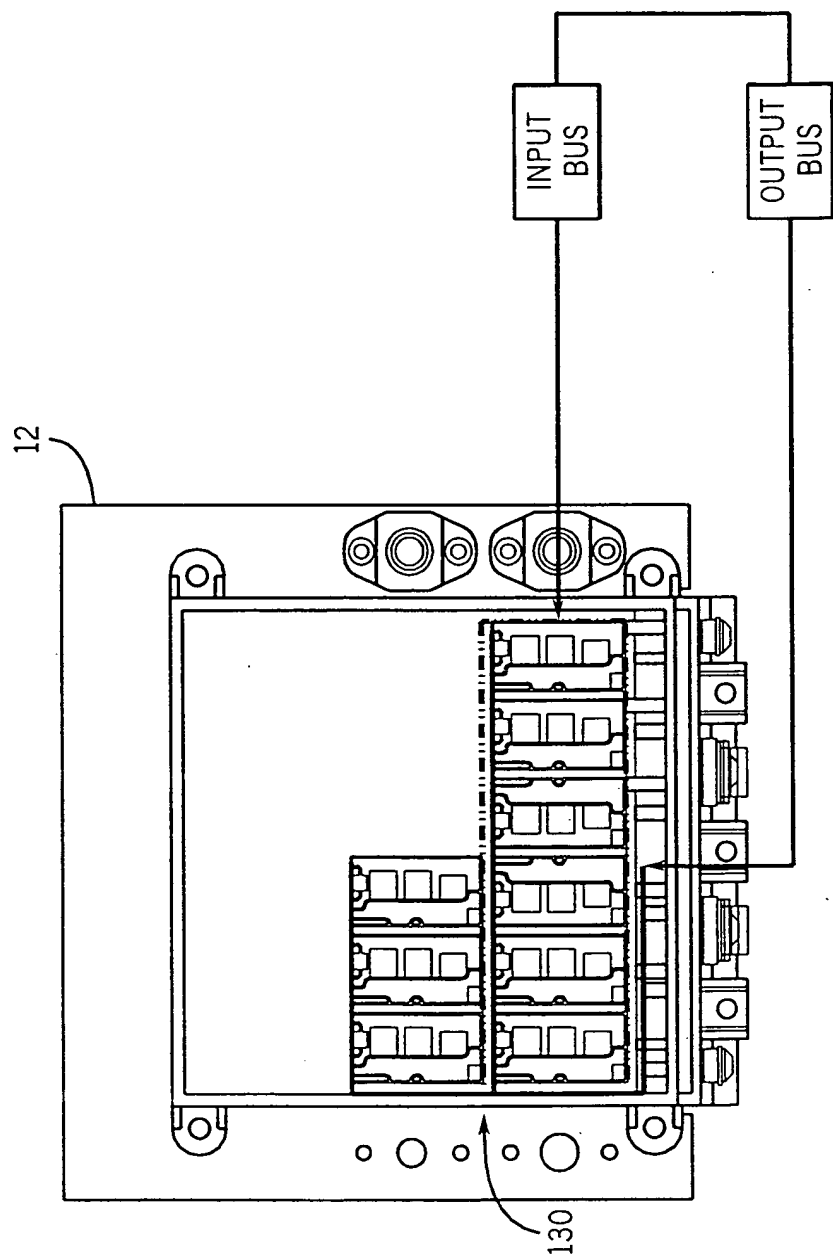


FIG. 36B

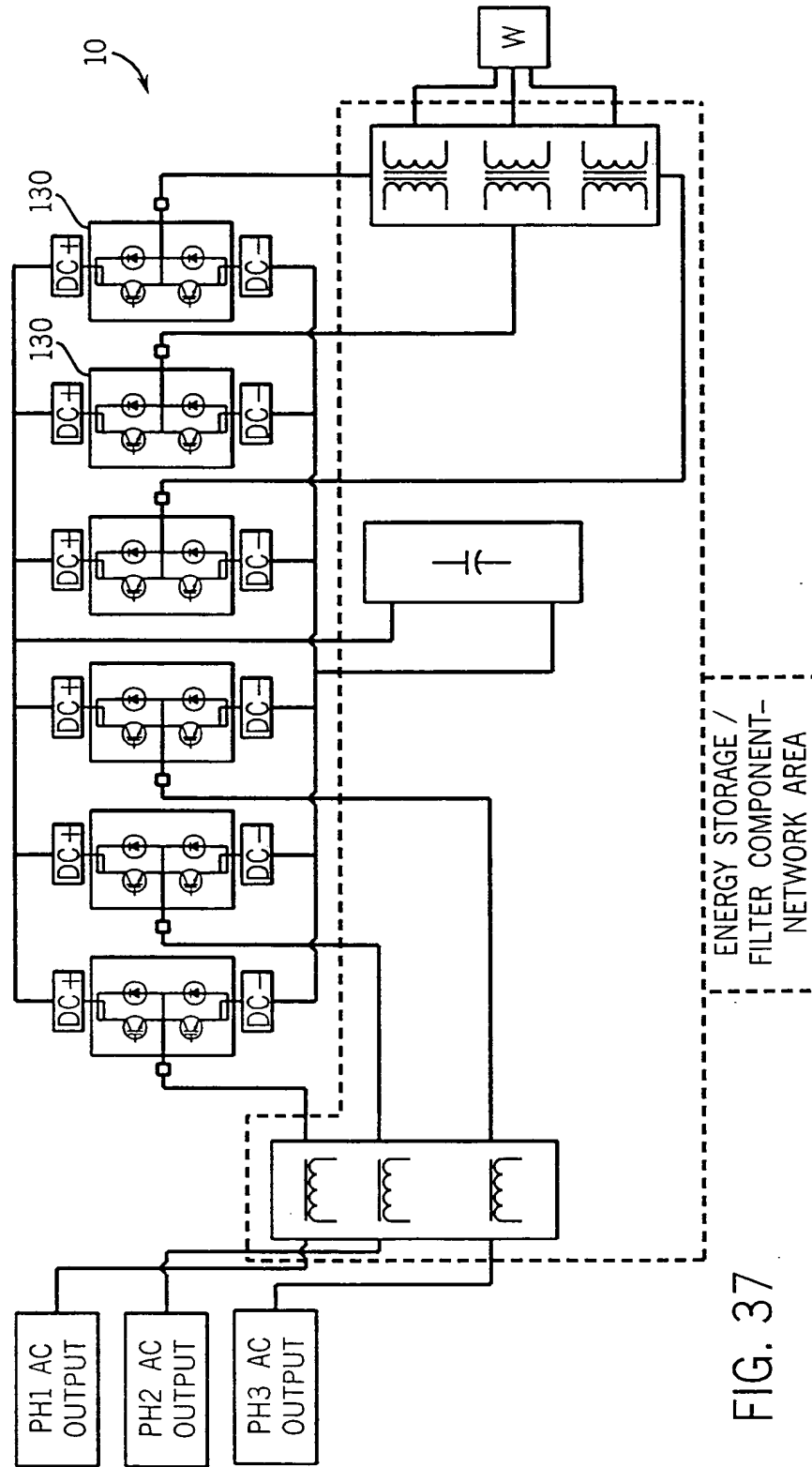


FIG. 37

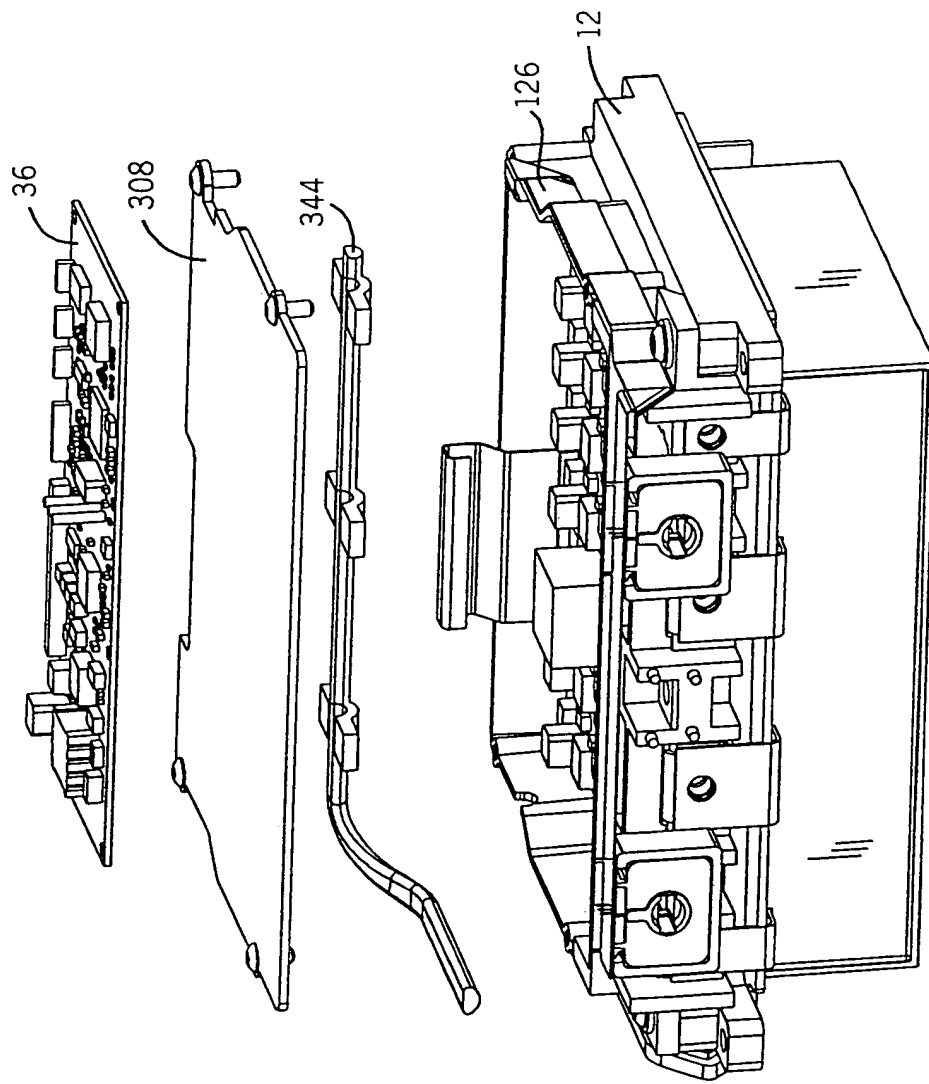


FIG. 38A

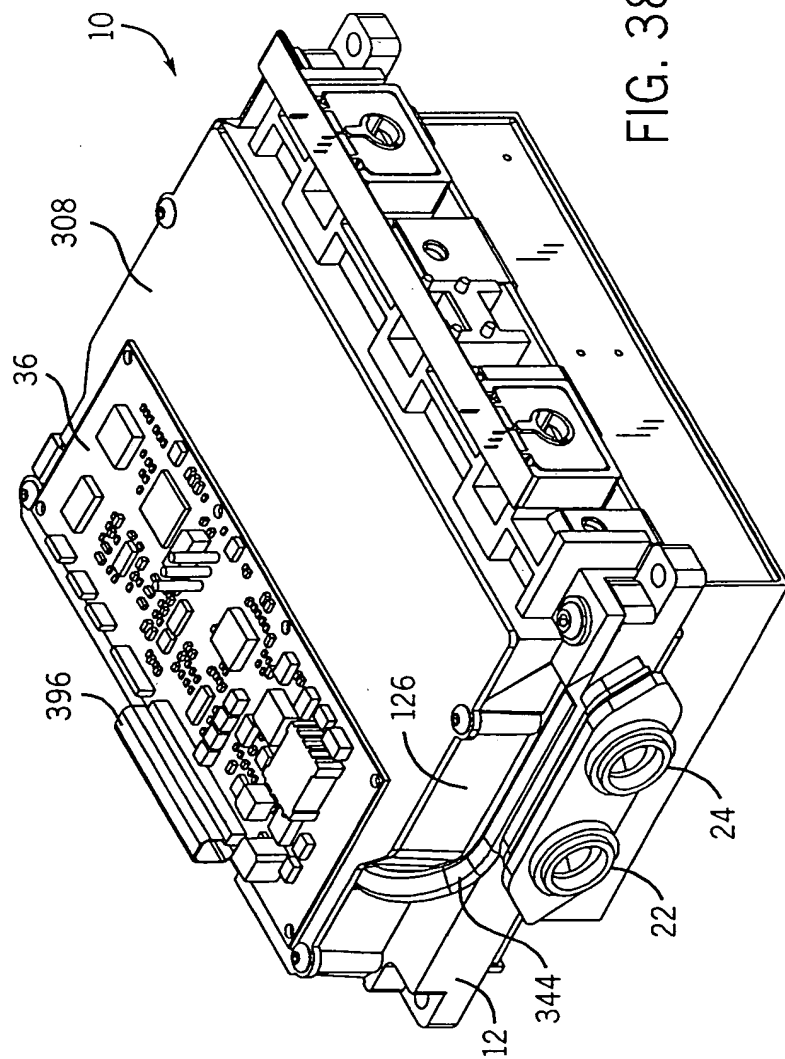


FIG. 38B